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JAN 10 1922

Seed Annual

1922



IMPROVED
EXCELSIOR TOMATO
PACKET 10¢
½ OZ. 20¢

ST. LOUIS SEED COMPANY
THE HOME OF "PURE AND SURE" SEEDS
411-413 Washington Ave. ST. LOUIS, MO.

SUGGESTIONS FOR ORDERING

ORDER EARLY

WE WISH TO IMPRESS UPON YOU THE ADVANTAGE OF EARLY ORDERING. It is not only a convenience to us but it is also for your sake that we request this. Avoid the spring rush and have your seeds when you want them. They will not spoil, and the delay necessarily attendant during the spring will be eliminated. You will not be waiting for your seeds, when you should be planting. Our service will please you even during the busy season. Send your order now.

Unknown correspondents desiring to open an account will furnish three references from parties in the trade with whom they have had credit relations, otherwise cash must accompany order.

Remittances should be made by Post-Office Money Orders, Drafts on St. Louis Banks, or Express Money Orders. Where it is not possible to obtain these, the letter should be registered. We cannot guarantee receipt of money sent in any other way.

Goods desired C. O. D. must be accompanied by a partial remittance to guarantee acceptance.

In filling out your order always give Shipping Directions, and write Name and Address distinctly on each and every order.

PARCEL POST—Customers living on R. F. D. routes, and beyond express delivery, will aid us by stating: "Goods reach us by Parcel Post only," to avoid mistakes in sending by express.

ALL PRICES on VEGETABLE SEEDS are net, but on PACKETS, OZS, and ¼ lbs. WE PREPAY POSTAGE.

PURCHASER PAYS TRANSPORTATION on Plants, Shrubs, Potatoes, Farm Seeds, Grass Seeds, Implements, Sundries and Poultry Supplies; also Seed by pound, gallon, peck and bushel.

EXPRESS AND FREIGHT CHARGES on large quantities, are cheaper than Parcel Post. We charge no cartage to depots or the Express Company offices, nor do we charge for boxes, packing or for small muslin bags.

When seamless cotton bags are required they must be remitted for; 40c each. Burlap, 10c each.

PARCEL POST RATES FROM ST. LOUIS

United States Parcel Post Rates (Seeds, plants and bulbs included)	First pound or fraction	Each additional pound or fraction	Packages must not exceed 84 inches (length and girth combined.)
Local Rate.....	\$0.05	\$0.00 ½	Limit of weight this zone, 70 lbs.
1st Zone, within 50 miles of St. Louis.....	.05	.01	Limit of weight this zone, 70 lbs.
2d Zone, over 50 and under 150 miles.....	.05	.01	Limit of weight this zone, 70 lbs.
3d Zone, over 150 and under 300 miles.....	.06	.02	Limit of weight this zone, 50 lbs.
4th Zone, over 300 and under 600 miles.....	.07	.04	Limit of weight this zone, 50 lbs.
5th Zone, over 600 and under 1000 miles.....	.08	.06	Limit of weight this zone, 50 lbs.
6th Zone, over 1000 and under 1400 miles.....	.09	.08	Limit of weight this zone, 50 lbs.
7th Zone, over 1400 and under 1800 miles.....	.11	.10	Limit of weight this zone, 50 lbs.

All small Parcel Post packages (seeds, plants and bulbs included), weighing 4 ounces or less can be sent at the special rate of 1 cent for each 2 ounces or fraction to all parts of the United States. (Over 4 ounces must be sent at Parcel Post rates.)

Kindly Remit for Postage when it is necessary.

ABOUT WARRANTING SEEDS

"Though the utmost care is used in grading and selection, we cannot be absolutely certain of the description or quality of seeds or plants, nor can we forecast the conditions under which they may be grown. Therefore, it is impossible to give any guarantee, and the contents of our packages are sold with that understanding. We shall gladly refund your money if you prefer not to accept the goods on those terms."

ST. LOUIS SEED COMPANY

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To Our Friends and Customers:

True garden economy consists in the production of abundant crops of the finest quality. This can only be secured by sowing seeds of the highest grade.

For eighteen years we have been supplying "Pure and Sure" Seeds, and today they still enjoy the highest confidence of all who ever used them. The same will be your case.

Our business has been built up on the one much-used word of "Quality". And to the planter this means much, for he absolutely must have seeds of only the highest quality. And we meet competition in this one way only. Price is a secondary consideration, but our prices will be found to be consistent with quality seed.

But we want you to plant "Pure and Sure" Seeds, for you cannot plant any better ones whether it is for the home-garden, market use or for the farm. The quality is there all the way through.

BUYERS OF SEEDS will find it worth while to devote some of their time to this catalogue. In it you will find reliable information as to varieties of seeds, bulbs, plants, etc. We hope it will be of use to all who are interested in making their vegetable gardens profitable and flower beds and lawns more attractive.

Our seeds are grown on contract by competent growers in the sections best suited to the different varieties. From our active and practical experience of years in the seed business and all its branches you will find us as competent to handle the business as anyone in the trade.

We are always ready to help you in your gardening problems. If you wish any advice or information, write us without hesitation or obligation of any kind. Our years of experience have given us a world of information for you to use, regardless of whether you plant "Pure and Sure" Seeds or not.

Please remember that if you order early the benefit will be mutual.

Sincerely yours,

ST. LOUIS SEED COMPANY

VEGETABLE SEED COLLECTIONS

These collections contain a selection of the best and most useful varieties of vegetables for the home garden. The varieties included are all standard and well tried sorts, having given satisfactory results to many of the large growers and Market Gardeners, such collections being arranged to assist those who may not be familiar with the merits of the various kinds enumerated in this catalogue.

"PURE AND SURE" COLLECTION

12 PACKETS—FOR 50c POSTPAID

- 1 pkt. Beans, Bountiful
- 1 pkt. Beets, Perfection
- 1 pkt. Carrots, Half Long
- 1 pkt. Lettuce, Prize Head
- 1 pkt. Lettuce, Big Boston
- 1 pkt. Parsley, Curled

- 1 pkt. Peas, Alaska
- 1 pkt. Swiss Chard
- 1 pkt. Sweet Corn, Golden Bantam
- 1 pkt. Radish, Fire Ball
- 1 pkt. Radish, Icicle
- 1 pkt. Tomato, Improved Excelsior

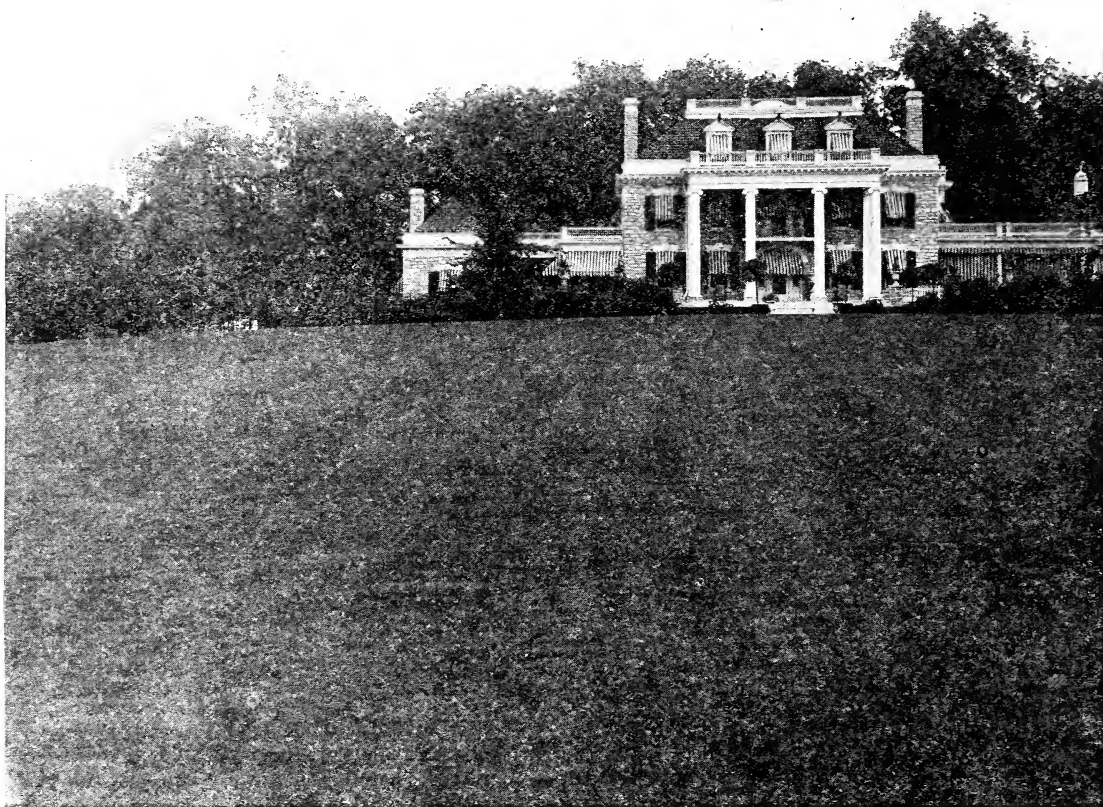
HOME GARDEN COLLECTION

FOR \$1.00 POSTPAID

- ¼ lb. Beans, Stringless Green Pod
- 1 pkt. Beans, Wax, Pencil Pod Wax
- ¼ lb. Peas, Telegraph
- 1 pkt. Sweet Corn, Golden Bantam
- ¼ lb. Sweet Corn, Stowell's Evergreen
- 1 oz. Beets, Detroit Dark Red
- 1 pkt. Carrots, Danver Half Long
- 1 oz. Radish, Scarlet Turnip, White Tip

- 1 oz. Radish, Long White Strassburg
- 1 pkt. Spinach, New Zealand
- 1 pkt. Lettuce, St. Louis Market
- 1 pkt. Okra, Long Pod
- 1 pkt. Kohlrabi, White Vienna
- 1 pkt. Tomato, Stone
- 1 pkt. Turnip, Strap Leaf

Notice:—The classified index of the contents of this catalog will be found on page 112.



ST. LOUIS SEED CO. HAVALAWN GRASS SEED

ESPECIALLY ADAPTED TO THIS LOCALITY AND WILL INSURE A FINE VELVETY LAWN

**IS PROCURABLE ONLY FROM US. EVERY PACKAGE BEARS OUR GREEN LABEL.
NO OTHER IS GENUINE, AND WE WILL PROSECUTE ALL INFRINGEMENTS.**

To insure a perfect lawn, there are several requisites: a good depth of rich soil, properly drained, a liberal dressing of good fertilizer; a firm, smooth surface upon which to sow the seed and Havalawn Grass Seed. The latter item is of the greatest importance.

Havalawn is a mixture of the hardiest grasses that enter into any grass seed mixture. Havalawn insures a steady succession of growth—there will be no break in the richness of the verdure from Spring until Winter.

Its success has best proved its quality. Havalawn is the one perfect lawn seed. Havalawn provides that velvety, smooth green lawn that wins the admiration of all who see it for it is mixed from the seeds that produce the best lawns.

Year after year, a steady demand for Havalawn has made it stand out as the one real mixture. Its component parts are such seeds as help build a deep-rooted soil; that come up quickly to start the lawn; that keep the smooth lawn fresh and bright all through the summer. Only seeds that produce fine velvety lawns are used. Timothy and orchard grass are excluded on account of their coarseness.

Don't take a chance this spring with cheap grass seed or you will have more weeds than grass. Remember, Havalawn is all reclaimed seed and you know when you plant Havalawn that you will have a lawn of which you can be proud.

Price: $\frac{1}{2}$ lb., 40c; 1 lb., 75c; 3 lbs., \$2.15; 5 lbs., \$3.50; 10 lbs., \$7.00; 25 lbs., \$17.00.

A SMOOTH LAWN AND FLOWERS WILL ADD MUCH BEAUTY TO YOUR HOME.

ST. LOUIS SEED CO.'S LAWN GRASS SEEDS

In 100 pound lots, write for prices.
One Lb. will sow 300 Square Feet. 50 Lbs. to the Acre.

A SMOOTH, velvety lawn surrounding a house adds not only to the value, but enhances the enjoyment of every home, whether it be in city, town or country. When properly made, a lawn is as satisfactory as any investment a home-owner can make. A lawn may be made in two ways, by sodding or by sowing seed. Sodding is not only very expensive, but unsatisfactory as well. Sods are ordinarily taken from a pasture or along the roadside and almost invariably contain weed seeds and coarse, tufty grasses which appear after the lawn is made. Seeding is not only more economical but is attended with better results.

BERMUDA GRASS

IS a dwarf perennial plant and spreads by means of its long and many-jointed root stalks, and for this reason is hard to eradicate once it has secured a foot-hold; thrives during the hottest part of the year, and will live under water for a long time. Makes a durable lawn and is also used to hold embankments. Price: ½ lb., 45c; 1 lb., 85c; 5 lbs., \$4.00; 10 lbs., \$7.50.

CANADIAN BLUE GRASS

RESEMBLES somewhat the Kentucky Blue Grass, but is not of so good quality. It is grown very extensively in Canada and some parts of the United States. Price: ½ lb., 35c; 1 lb., 60c; 3 lbs., \$1.75; 5 lbs., \$2.75; 10 lbs., \$5.25.

ENGLISH RYE GRASS

IT GROWS rapidly and makes a good showing within month from time of sowing. Valuable for planting early on dry hillside. Price: 1 lb., 25c; 3 lbs., 70c; 5 lbs., \$1.15; 10 lbs., \$2.15; 25 lbs., \$5.00.

FANCY KENTUCKY BLUE GRASS

THIS famous grass is well-known in all sections. It generally grows well on any stiff or loamy soil fertile and well drained in Central and Northern States. Kentucky Blue Grass is at its best in the Spring and Fall months, but being rather sensitive to heat, does not grow luxuriantly during Summer. It takes a considerable time to get a good stand of this, as it grows very slowly at the start, but, when once established forms a close, compact turf, making a fine lawn. Price: ½ lb., 40c; 1 lb., 75c; 3 lbs., \$2.15; 5 lbs., \$3.50; 10 lbs., \$7.00; 25 lbs., \$17.00.

GOOD RESULT MIXTURE

THIS is intended for back yards, large playgrounds, etc., and where grass is wanted quick to cover unsightly places. Price: ½ lb., 30c; 1 lb., 50c; 3 lbs., \$1.45; 5 lbs., \$2.25; 10 lbs., \$4.25.

For Other Grasses, See Page 35.

FERTILIZERS

For LAWN, GARDEN, FIELD and HOUSE PLANTS

PULVERIZED SHEEP MANURE

THIS is a high grade of Fertilizer and is especially adapted for Gardens and Lawns. No better manure can be secured. It is selected from the accumulation in the Western Sheep Feeding Stations where thousands of sheep are confined in pens to be fattened for market.

This manure is gathered from the pens, shipped to the reduction plant, and then is immediately dried by a special direct heat process. In landscape work, for gardens and lawns, there is no equal.

For Lawns use 100 lbs. to 1000 square feet.

For Flower Beds and Vegetable Gardens, before planting, use 50 lbs. to 500 square feet.

For Mixing Potting Soil, use 1 qt. to 20 qts. of earth. Price: 5 lbs., 30c; 10 lbs., 50c; 25 lbs., \$1.00; 50 lbs., \$1.60; 100 lbs., \$2.75.

For Other Fertilizers See Page 111.

GOLF LINKS MIXTURE

WE HAVE given much attention to Grasses for Golf Courses. This Mixture is composed of foreign Grasses that thrive here, with the addition of several fine American varieties. By the use of this Mixture, and with proper care, the finest Fair Greens and Putting Greens in the world can be successfully rivaled. If conditions are favorable, a good playing turf may be secured in eight weeks. Price: 1 lb., 75c; 5 lbs., \$3.65; 25 lbs., \$17.50.

PUTTING GREEN MIXTURE

A CAREFUL study of the requirements for making the most substantial turf for Putting Greens developed the mixture herewith offered by us for this purpose. The varieties comprising it are all of the finest-bladed, low growing and most hardy kinds, and maintain their rich, green color throughout the season. Price: 1 lb., 75c; 5 lbs., \$3.65; 25 lbs., \$17.75.

ST. L. S. CO.'S SHADY LAWN MIXTURE

THIS mixture is intended for all situations that are in partial or complete shade, and will be found invaluable on grounds lying under the shadows of trees or buildings. This mixture is a combination of fine dwarf-growing-ever-green varieties of grass, which grow naturally in the woods or in shaded spots. Sow thickly. Price: ½ lb., 40c; 1 lb., 75c; 3 lbs., \$2.15; 5 lbs., \$3.50; 10 lbs., \$7.00.

WHITE OR DUTCH CLOVER

A LOW, close-growing clover; round, white heads, very fragrant. Very desirable for beautifying the lawn. It will stand close cutting and very rapidly throws up an abundance of leaves and blossoms. Price: ½ lb., 50c; 1 lb., 90c; 5 lbs., \$4.25; 10 lbs., \$8.25.

BONE-MEAL

BONE-MEAL is used for top dressing for lawns, meadows, vegetable gardens and flowers. It carries Ammonia and Phosphoric Acid and may be applied at any time of the year. Bone-Meal continues to feed the soil for ten months and its effect is plainly apparent upon land for years.

For Top Dressing on Lawns use 50 lbs. to 1000 square feet.

For Mixing Potting Soil, 2 lbs. to 20 qts. of earth. Price: 10 lbs., 65c; 25 lbs., \$1.50; 50 lbs., \$2.50; 125 lbs., \$5.00.

HYDRATED LIME—Hydrated Lime used for top dressing on lawns and mixing soil for potting plants. 50 lbs. to cover 1,000 square feet. Price: 10 lbs., 35c; 50 lb. bag, 90c.

PULVERIZED LIMESTONE—as a crop-producer we hardly believe it has an equal. It is made from the purest crystalline white limestone obtainable. Bag of 100 lbs., \$1.50; ½ ton, \$12.00.

GENERAL LIST OF HIGHEST GRADE VEGETABLE SEEDS

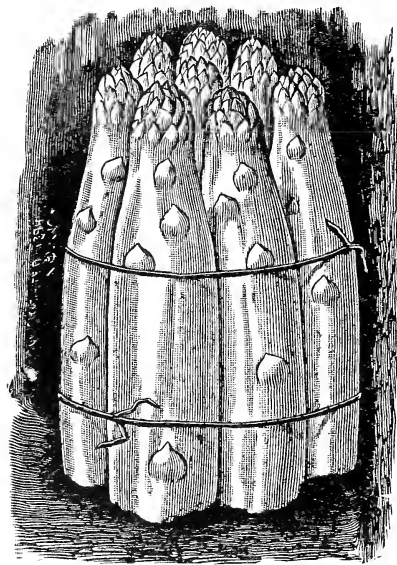
IT has always been our endeavor to list only such sorts of vegetable seeds as, from our tests and experience, we have found to be of superior merit. In many instances we have stricken out varieties that were out-of-date but have always listed a superior sort that we could honestly recommend as better for the home garden as well as for the market gardener.

To the market gardener, we know that he is well acquainted with the varieties and the various vegetables that prove the most satisfactory and profitable for his neighborhood. To him we can only say that "Pure and Sure" Seeds of any variety he plants will be the best investment he can make.

The varieties which have proven themselves of superior quality are shown in larger type. These are the varieties best suited for the home garden and in making your selection, you can rely upon our judgment in this regard.

Our sources of supply are the very best and our strict tests for germination and vitality assure all who plant "Pure and Sure" Seeds that as far as the seeds are concerned all that human hands can do to make them the very best has been done.

With this in mind, we are sure you will not hesitate about sending us your order for seeds for the coming spring, and we in turn have no doubts that you will ever be disappointed with the results from "Pure and Sure" Seeds.



Columbian White.

ASPARAGUS

One ounce will show about 50 feet of drill

THE asparagus seed furnishes the first green delicacy for our table in the Spring, is universally popular, and requires but little care for its successful cultivation.

To secure the choice early stalks the land selected for an Asparagus bed should be a warm rich loam, preferably exposed to the South. Manures and fertilizers must be used lavishly to secure the best results. Plants can be easily raised from seed.

We also offer the roots two years old, which will become established in a single season. One ounce of seed will sow about 50 feet of drill. For the home garden, set the plants about 18 inches apart and about 3 feet between the rows.

When ordering, ask for our free leaflet on Asparagus Culture.

COLUMBIAN WHITE—Clean white Asparagus and remains so in favorable weather, until three or four inches above the surface. Price: Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 75c.

EARLY GIANT ARGENTEUIL—This variety has thus far been free from rust. Very early, producing an even growth and a large yield. Price: Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb. 75c.

PALMETTO—A close second to our famous Columbian White Mammoth. Light green, heavy-yielding, early producing, large clear stalks of excellent quality. Very early. Price: Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 75c.

ASPARAGUS ROOTS—The easiest way to start your Asparagus Bed. Two year old roots. Price: Doz., 25c; 4 doz. for 90c; 100 for \$1.75.

ASPARAGUS—By Hexamer. A reliable treatise on Planting, Cultivating, Cutting and Use of Asparagus. Price, \$1.00, postpaid.

ARTICHOKE

CULTURE.—In February or March sow in hotbed, transplant to the open in May in rows three or four feet apart and two feet apart in the rows. Should give globes the same year. Seed sown in May and transplanted in June has to be wintered. Tie up leaves, then bank with dirt; will mature the second year.

GIANT GREEN GLOBE—Produces large globular heads, thick, succulent scales, the bottom of which is the edible part. Boiled till tender, it makes a delicious dish. Price: Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.60.



Giant Green Globe Artichoke.

DWARF or BUSH BEANS

2 pounds will plant 200 feet of drill

CULTURE.—Plant about the first of May in rows, placing the seeds 2 to 3 inches apart in drills about 2½ inches deep. The rows should be about 2½ feet apart, and the soil slightly hilled, to insure good drainage and keep the Beans from touching the ground. Most Beans should be picked when about 4 inches long. Frequent pickings insure a more prolonged bearing season. Avoid jerking the plant, as this frequently disturbs young feeding roots. Use the finger-nails to sever the stems. Do not pick when bushes are wet, as this may cause blight and rust. For succession plant every two weeks up to August 1.

GREEN PODDED VARIETIES

At the following prices on Beans, packets and quarter pounds are sent prepaid, all larger quantities are shipped at purchaser's expense; if wanted by parcel post, add postage at rate. (See inside front cover.)

MOHAWK EARLY—Hardest of any early Bean; will stand a slight frost and for this reason is excellent for the market gardener. Vines are large with coarse leaves; pods, long, straight, flat and green. Price: Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 35c; 5 lbs., \$1.30.

REFUGEE, EXTRA EARLY—A selection from the Refugee with all its good qualities and about ten days earlier. Dry beans long and dark drab; pods splashed with purple. Price: Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.45; 10 lbs., \$2.50.

VALENTINE, IMPROVED EARLY ROUND POD—One of the best extra early for home use or market. Extra early and is usually ready for harvesting from thirty-five to forty days after planting. A fine variety for Midsummer sowing to ripen in September. Vines strong and vigorous; pods green, medium length, curved, with creases in the back, very fleshy, crisp and tender. Price: Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.45; 10 lbs., \$2.50.

STRINGLESS GREEN POD—Valuable for home garden or for market. It is valuable for its extreme earliness and is absolutely stringless, which makes it one of our best extra early Beans, and wonderfully productive; pods of handsome appearance and finest quality. Price: Pkt., 10c; ¼ lb., 20c; ½ lb., 30c; 1 lb., 50c; 5 lbs., \$1.75; 10 lbs., \$2.75.

ST. L. S. CO.'S STRINGLESS BOUNTIFUL—This superior variety is a distinct improvement in green Bush Beans and has become exceedingly popular wherever known.

The merits of this bean may be summed up in the following: Rich, green flat pod, of a large size, solid, meaty and of a delicious flavor. The pods are extra long and of a uniform shape and size.

Price: Pkt., 10c; ¼ lb., 20c; ½ lb., 30c; 1 lb., 50c; 5 lbs., \$1.75; 10 lbs., \$2.75.

LONGFELLOW—Remarkably early and has excellent flavor; its delicacy remains almost intact when prepared for the table. The pods are about six and one-half inches long, pale green in color, straight and round; very productive and crop matures very regularly. Beans are small, mottled dark red. Price: Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.45; 10 lbs., \$2.50.

BLACK VALENTINE—A Bean which has been planted extensively in the South on account of its heat-resisting qualities. Matures early, producing long, round, straight pods, which are tender when quite young. Few Beans are greater yielders. Price: Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.45; 10 lbs., \$2.50.

GIANT STRINGLESS GREEN POD—Pods greatly resemble those of Stringless Green-Pod. Fully an inch longer in size but not quite so early. A variety that is largely grown for the market on account of its size and splendid shape. Price: Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.45; 10 lbs., \$2.50.

WHITE NAVY—The famous little white soup bean that needs no further introduction. Very prolific and a sure cropper. Price: Pkt., 5c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 35c; 5 lbs., \$1.15; 10 lbs., \$2.00.



St. L. S. Co.'s Extra Early Round Pod Valentine

WAX-PODDED BUSH BEANS

At the following prices on Beans, packets and quarter pounds are sent prepaid, all larger quantities are shipped at purchaser's expense; if wanted by parcel post add postage at rate on inside front cover.



ST. L. S. CO.'S NEW WHITE WAX—This new round-podded Dwarf Wax Bean has attained the top notch among Beans of this class. It has been so highly bred and selected that it excels all others in its combination of essential qualities, among which are remarkable uniformity in size and shape. It produces no culls, the pods average five to six inches in length, which is unusually large for a round-podded, wax variety; they are very solid, meaty and tender, free from string, breaking brittle, and the flavor is unsurpassed. These desirable table qualities are retained well on towards maturity, long after many other sorts have become too tough and stringy to use. The plant is everything desirable, bushy and robust, free from rust or mildew, and extremely prolific. Price: Pkt., 10c; ¼ lb., 20c; ½ lb., 30c; 1 lb., 50c; 5 lbs., \$1.75; 10 lbs., \$3.00.

KIDNEY WAX, WARDWELL'S—One of the most popular beans in this vicinity, especially for the market gardener, owing to the large size of the pod and excellent quality. Vines are very large, strong and vigorous, bearing long, straight, wax-like pods. Dry beans are large, kidney-shaped, white dark-marked about the eye. Price: Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.60.

ST. L. S. CO.'S PENCIL POD BLACK WAX—Of all black wax beans, this variety surpasses all others. For market gardeners as well as for home use it cannot be surpassed. Price: Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.60.

GOLDEN WAX—The most tender of all market sorts. One of the best for home garden. Pods long, nearly straight, broad, flat, golden yellow and very fleshy. It is the highest quality snap Bean. Dry bean oval, white, more or less colored with shades of purplish red. Price: Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.60.

DAVIS WAX—A very hardy and productive variety, desirable where a wax-podded, white-seeded midseason sort is wanted. Vines very vigorous. Pods invariably long, 6½ or 7 inches, light yellow, straight and handsome and when young are crisp and tender. Seed medium large, kidney-shaped, clear-white and excellent for baking. Price: Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.60.

LIMA BEANS (Dwarf Bush)

2 Lbs. will plant 200 feet of drill.

PLANT in light, rich soil, in drills 2 feet apart, dropping the seeds about 1 foot apart in the row and cover 2 inches.

BURPEE'S BUSH LIMA—A true bush form, growing 18 to 20 inches high. An immense yielding variety, each bush being laden down with large Limas of the most luscious flavor. Its vigorous growth and large pods make it stand out as one of the finest Bush Limas. Price: Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.60; 10 lbs., \$2.75.

FORDHOOK BUSH LIMA—The Fordhook produces a strong, true bush-like growth, branching freely with all the branches held upright. It has an exceptionally strong, vigorous growth that enables it to produce more prolifically in large clusters, beans about five inches long, of the most delicious flavor. The pods contain three to five beans with an average of four. Price: Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.00.

HENDERSON'S BUSH LIMA—A famous variety, grows in compact bush form and produces enormous yields of delicious Lima Beans. Our improved strain insures heavy yields and continuous crop from July until frost appears. Price: Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 35c; 5 lbs., \$1.25; 10 lbs., \$2.25.

NEW IMPROVED BUSH LIMA—Similar to the Burpee's Bush Lima, except in size it is smaller. The sturdy bushes are loaded with large well-filled pods, enormous in size. Whether you grow for home use or for market, it will pay you to devote plenty of garden space to our New Improved Lima. Price: Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.60; 10 lbs., \$2.75.



New Improved Bush Lima.

POLE OR CORNFIELD BEANS

CULTURE.—Pole beans are more sensitive to cold than the bush kinds, and should not be planted before the ground is warm—in this latitude, after May 1st. Set poles 6 to 8 feet long, 3 to 4 feet apart, in 4-foot rows and plant five or six beans 2 inches deep around each pole. They may also be planted in the cornfield and allowed to run up the stalk. More troublesome to grow than bush beans, but they are of better quality and bear longer and more profusely. One pound will plant 100 hills; 30 pounds to the acre.

St. L. S. Co.'s New White Cornfield

IN THIS new Pole Bean we have one that far surpasses anything on the market. This Bean is a cross between our regular White Cornfield and Kentucky Wonder; it is a fine long, round, thick and meaty green pod, with a white bean.

It is a much better bean than anything ever offered in this line, and will bear much longer than others. We have developed this bean into a real wonder and we are sure that you will be highly pleased with the results from our New White Cornfield. Price: Pkt., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 30c; 1 lb., 50c; 5 lbs., \$1.75; 10 lbs., \$3.00.

MISSOURI WHITE CORNFIELD—A fine long, green, round pod of superior quality. Beans are white and mealy, a fine boiling or baking variety. Grown quite extensively for market gardening and home use. Price: Pkt., 10c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.50.

LAZY WIFE—The pods are of a medium dark green color and grow from 5 to 7 inches in length. They are broad, thick and very fleshy, and are entirely stringless. Price: Pkt., 10c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50.

KENTUCKY WONDER, OR OLD HOMESTEAD—Undoubtedly the earliest and most productive, bearing in great quantities clusters of light green pods, long, meaty and of excellent flavor. Can be grown with corn to good advantage. Price: Pkt., 10c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 35c; 5 lbs., \$1.25; 10 lbs., \$2.25.

WHITE CREASEBACK—A pure white variety, very early, and an excellent shelled sort used extensively for winter use. Price: Pkt., 10c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 35c; 5 lbs., \$1.25.

POLE LIMA BEANS

CULTURE.—A warm, sandy loam, enriched with well rotted stable or poultry manure is best. Must not be sown until the ground is warm and dry. When poles are used for support they should be set not less than 4 feet apart each way. Plant 4 to 6 beans to a pole, 2 inches deep. When well started thin out to 2 plants to a pole. Cultivate frequently but shallow.

ST. L. S. CO.'S GENUINE BUTTER—Here is the good old fashioned but original Butter Bean and is the only one genuine Butter Bean we know of. These beans have a creamy-white color, in large pods, and are far more delicious than the ordinary Lima Bean. The vigorous vines, with plenty of pods, will supply you with the most delicious Butter Beans you ever tasted. Price: Pkt., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 35c; 1 lb., 60c; 5 lbs., \$2.50; 10 lbs., \$4.00.

SIEVA, or SMALL LIMA—Popular small-seeded variety. We recommend this variety to be planted where it may have a trellis to climb upon. Price: Pkt., 10c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.75.

KING OF THE GARDEN—The true “King” of the Limas. Stronger and more productive than any of the large White Limas and is the favorite of the market gardeners on account of its long, well-filled pods, which are numerous and of mammoth size. If two vines are left growing on a pole it will come into bearing sooner and make larger pods. Price: Pkt., 10c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.75.

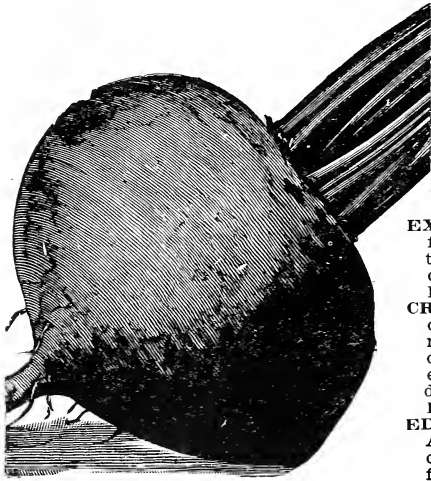
EXTRA EARLY JERSEY—Very productive and of fine quality. It is especially valuable to those residing in districts where the season is too short to produce later ones as it is from 10 to 15 days earlier than any other pole Limas. Price: Pkt., 10c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.75.



BEETS

One ounce will sow 100 feet of drill; 5 to 6 lbs. to the acre.

Price Postpaid.



Crosby Egyptian.

CULTURE—Seed should be sown the first part of April. The ground should be spaded well and deep, placing rows about 18 inches apart, and the drills 1 inch deep. Cover the seed carefully and firm in the ground by walking over the drills. When seedlings appear about 3 inches above ground, thin out to about 4 inches between the plants so as to give ample room for the proper development of the bulbs. Beets are best for pulling when about 2 inches in size. Successive sowings may be made up to the middle of July.

EXTRA EARLY EGYPTIAN—An early variety, which is suitable for forcing and growing in the open garden. The tops are small and the Beets are rounded on top, but flat at bottom end. The color of flesh is dark and light red, and the Beets are tender. Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c; 5 lbs., \$3.50.

CROSBY'S EGYPTIAN—One of the earliest and best strains of Beets, of a deep red color, sweet and tender. They run uniform in size, making them just right for bunching. We recommend our strain of Crosby's Egyptian as it is a distinct improvement over the older forms of Egyptian Beets. It is the favorite of the market gardeners, as it is the earliest and most uniform beet they can grow. Price: Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 85c; 5 lbs., \$4.00.

EDMUND'S BLOOD TURNIP—A second-early variety of good flavor. A handsome, clean, turnip-shaped blood beet. Skin and flesh are of a deep blood red, sweet and tender in quality, and unsurpassed for solidity and keeping purposes. The roots grow regular and are of right marketable size. An excellent keeper. Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c; 5 lbs., \$3.50.

DETROIT DARK RED—This superb variety is one of the most popular red Turnip Beets, not only for market gardeners, but for home use. It is also one of the best for canning, making a strikingly handsome product, far superior to that obtained from any other variety. The small top, early maturing and splendid shape and color have made it a favorite. Top small, upright growing, so that the rows may be close together; leaf, stem and vines dark red, blade green; root globular and very smooth. Price: Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c; 5 lbs., \$4.25.

LONG SMOOTH BLOOD-RED—A most excellent keeper, grows to good size, half out of ground. Price: Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 85c.

IMPROVED CRIMSON GLOBE—A handsome variety of medium size and entirely free from rootlets, as its name implies, it is a perfect globe-shaped Beet, dark blood red color, smooth skin, sweet and tender. It is without an exception, one of the finest beets grown, its shape and color being simply superb. Our strain of Crimson Globe has shown results that are amazing and it is the one strain of Crimson Globe that you should plant. Price: Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 85c; 5 lbs., \$4.00.

MANGEL WURZEL

For Stock Feeding.

THE value of Mangels for stock feeding is recognized everywhere and they are being more widely used every year. Our stock of Mangel seed is grown in Europe by experts and in no other place can this seed be equalled in producing large fine roots. Cheaper seed can be obtained but the results are far less satisfactory. We handle only the best seed.

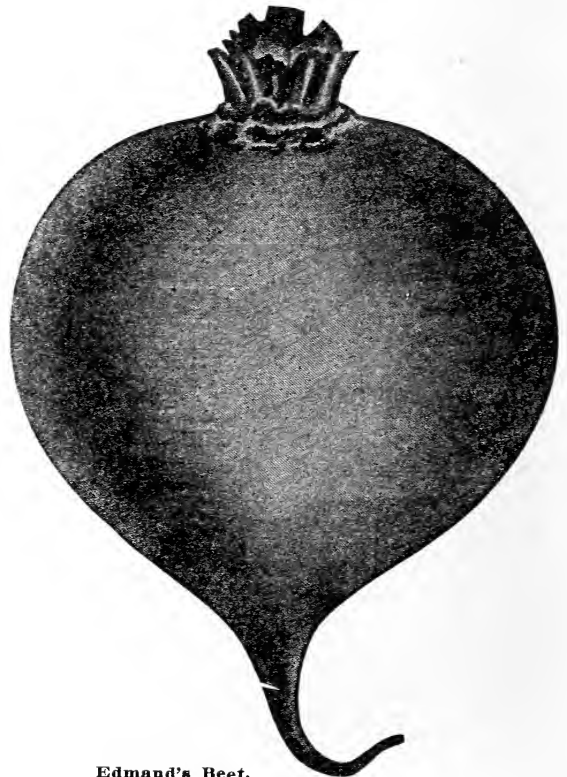
Culture—Sow 4 pounds to the acre in May or June, in rows three feet apart, and thin to nine inches in the row. Cultivate frequently with horse tools.

GOLDEN TANKARD—The best yellow for stock feeding. Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 60c.

MAMMOTH LONG RED—This is the largest of all the Mangels; grows to an enormous size and will yield more tons per acre than any other variety. Price: Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 50c; 5 lbs., \$2.25.

GIANT HALF SUGAR MANGEL—A good variety for stock feeding. Roots grow partly above ground. Price: Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 50c.

NUTTING GEM—Is very early, and surpasses all varieties in flavor. It is a main crop variety, of great size, for the market garden. Both skin and flesh are of a deep rich red and this color is retained when cooked, which makes it so popular for canning and pickling. Price: Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.



Edmund's Beet.

SWISS CHARD OR SPINACH BEET

CULTURE—Same as for beets; transplant 12 inches apart in rows 18 inches apart. Sow seeds in the Spring, as for common beets.

Grown for its leaves only; one of the best early greens. Cook the leaves as you do spinach and the stems in cream as asparagus. Leaves grow to enormous size, 20 inches to 2 feet in length.

SWISS CHARD—The plants grow from 2 to 2½ feet tall and consist, when fully developed, of about a dozen creamy white, attractively smooth leaves. These leaves are carried on broad, thick stalks. Price: Pkt., 5c; Oz., 10c; ¼ lb., 35c; 1 lb., 90c.

LUCULLUS—A moss curled variety. Very large leaves and the middle ribs can be served as Asparagus. Price: Pkt., 5c; Oz., 10c; ¼ lb., 35c; 1 lb., 90c.

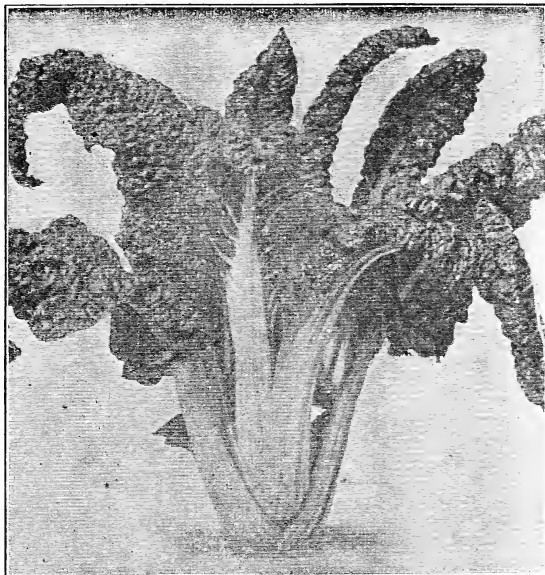
BRUSSELS SPROUTS

THE very best winter vegetable, having small knobs or heads along the stem, which may be boiled like cabbage or cooked like cauliflower.

ROSEBERRY—The choicest variety obtainable and highly valued on account of its strong robust growth and remarkable juicy tender heads. Price: Pkt., 10c; Oz., 25c; ¼ lb., 90c.

BORAGE

The young leaves of this annual, which smell somewhat like a cucumber, are used as salad, or boiled like spinach. Price: Pkt., 10c; Oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.

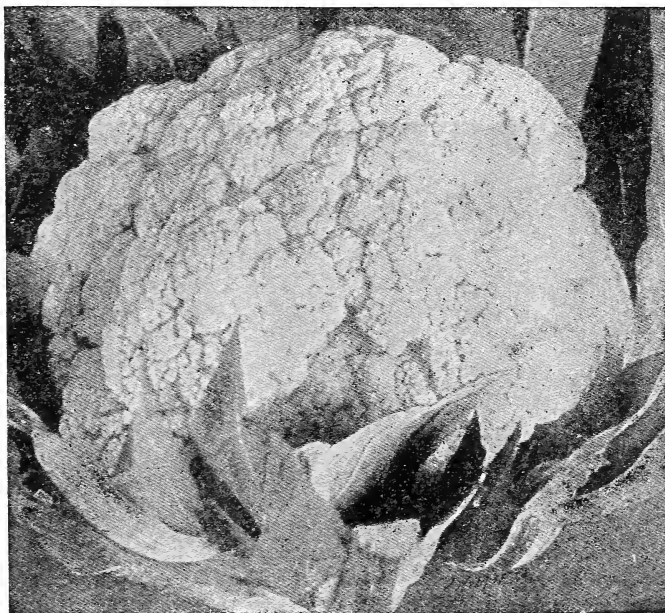


Lucullus Swiss Chard.

CAULIFLOWER

CULTURE—Start plants in frame or seed beds, or for early plants start in hot-bed. Transplant as soon as large enough to handle. Set the plants two to three feet apart each way. One ounce of seed will produce from 3000 to 4000 plants.

ST. LOUIS SEED CO.'S EARLY PERFECTION ERFURT FORCING—In this strain we endeavor to build up a strain that comprised all the fine points in Cauliflower and the success of this variety has shown how we succeed. It is gorgeous beyond description. Snowlike in color and its growth of the compact form that will delight the grower. For an early out-door forcing variety it cannot be equaled and is worthy of a trial. Price: Pkt., 25c; ¼ Oz., \$1.25; ½ Oz., \$2.25; 1 Oz., \$4.00.



St. L. S. Co.'s Earliest Dwarf, Erfurt, Extra Select.

St. L. S. Co.'s Earliest Dwarf Erfurt, Extra Select

THIS is a very early reliable sort that has found special favor in many sections. Forms white heads six to ten inches in diameter of good quality. Its close growing habit permits more heads to a given area than the late maturing sorts. Our strain of this fine variety, is direct from the originator. Price: Pkt., 25c; ¼ Oz., \$1.25; ½ Oz., \$2.25; 1 Oz., \$4.00; ¼ lb., \$14.00.

EARLY SNOWBALL

LARGE solid white heads. A sure-cropper. It is the ideal cauliflower for general use. A sure leading variety of dwarf habit, with short outer leaves, especially adapted for forcing under glass during winter and spring. Price: Pkt., 20c; ¼ Oz., \$1.00; ½ Oz., \$1.75; 1 Oz., \$3.00; ¼ lb., \$11.00.

PRIDE OF DENMARK

THIS excellent variety is especially adapted to long, dry seasons. The heads grow to large size, very solid, pure white and of a very delicious flavor. Price: Pkt., 25c; ¼ Oz., \$1.25; ½ Oz., \$2.25; 1 Oz., \$4.00.

Above prices postpaid.

CABBAGE

One ounce will produce about 2,000 plants; $\frac{1}{4}$ pound seed in beds will produce plants for one acre.

CULTURE—Sow the early kinds in hotbeds in February and March, and in the open ground in April and May. The late varieties for fall and winter use sow in May, and transplant from the 8th to the 25th of July. Plant the early sorts 20 inches distant in a row and 2 feet between the rows; the later sorts 2½ feet each way. To be well-grown, Cabbages require a deep, rich loamy soil. Our Cabbage seed is especially grown for us, and we offer it as being of superior quality.



Early Jersey Wakefield.

It is a vigorous grower and yielder and an excellent keeper. The leaves are of a light green color and tightly folded together in a remarkably solid and compact form. The heads average ten pounds in weight, are solid and firm.

Our stock of this grand variety comes direct

HENDERSON'S EARLY SUMMER

THIS is one of the best of the large, early cabbages and is exceedingly valuable for the home or market gardener. The heads are larger than the Wakefield type and only a few days later, points to be considered when growing for the market. Price: Pkt., 10c; $\frac{1}{2}$ Oz., 20c; Oz., 35c; 4 Ozs., \$1.00; lb., \$3.50.

IMPROVED BRUNSWICK

OURS is the true short stem type. Good for second early and late crops, and attains an extraordinary large size. Price: Pkt., 10c; $\frac{1}{2}$ Oz., 20c; Oz., 30c; 4 Ozs., 75c; lb., \$2.75.

ALL SEASONS OR SUREHEAD

THE names best describe this variety as it is a sure-headed of the flat Dutch type of heads and a first-class main crop. The heads are very large, extremely hard and solid. This certainly is the great all year round cabbage. Price: Pkt., 10c; $\frac{1}{2}$ Oz., 20c; Oz., 30c; 4 Ozs., 75c; lb., \$2.75.

GLORY OF ENKHUIZEN—This second early variety is very sure heading and of excellent quality. The plants are of vigorous growth, with large, rather spreading outer leaves which are noticeably curved and frilled. The heads are globular or very nearly round, very solid and of large size for so early a variety. Price: Pkt., 10c; $\frac{1}{2}$ Oz., 20c; 1 Oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Above prices postpaid.

EARLY JERSEY WAKEFIELD

IT IS impossible to exaggerate the many fine qualities found in our strain of early Jersey Wakefield. The heads are hard and solid with just a few outside leaves which protect the heads.

An exceedingly productive variety, resists cold and you are sure of the finest results from this variety even under the most unfavorable conditions, and when you plant our strain of Improved Seed you can expect a big crop. Price: Pkt., 10c; $\frac{1}{2}$ Oz., 20c; Oz., 35c; 4 Oz., \$1.00; 1 lb., \$3.50.

CHARLESTON, OR LARGE-TYPE WAKEFIELD

THE one big advantage of our Charleston is the greater size, where large-sized cabbages are wanted, either for market or private use. It is fully one-third larger than the Jersey Wakefield and therefore more popular with many.

Heads are solid, pointed and is a heavy yielder. You can expect the finest and largest heads from our strain of our Charleston Wakefield. Price: Pkt., 10c; $\frac{1}{2}$ Oz., 20c; Oz., 35c; 4 Oz., \$1.00; 1 lb., \$3.50.

COPENHAGEN MARKET

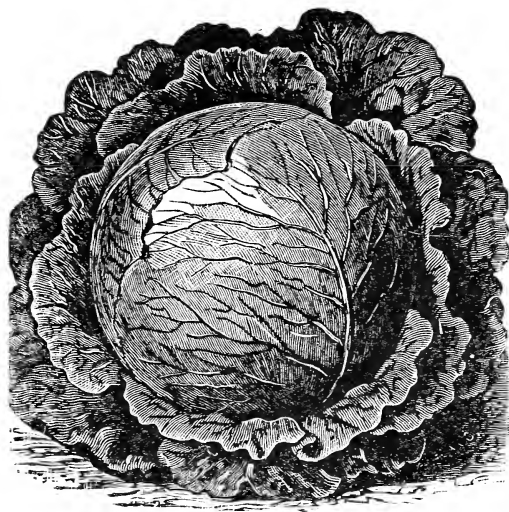
THIS is without doubt the best early round headed cabbage and that its wonderful merits are appreciated is demonstrated by the large plantings made of this variety.

The type is thoroughly fixed and the heads maturing at the same time, which makes it so popular and the great favorite of the market gardener. It means less cost in harvesting.

from the originator. It is the kind of seed that will produce bigger and better cabbages, and that is the kind you want for home use of for the market. Don't experiment with a cheap strain of this famous variety. Price: Pkt., 10c; $\frac{1}{2}$ Oz., 25c; Oz., 40c; 4 Oz., \$1.25; lb., \$4.50.



Copenhagen Market.



St. Louis Late Market.

“AMERICAN KING”

The Best Keeper. The Largest Headed. The Finest Quality.

INTRODUCED by us in 1904, it has met with universal praise everywhere. Mammoth solid heads, weighing from 15 to 20 pounds, are common sights in a field of this wonderful late cabbage. We know of no cabbage that could ever equal this magnificent variety, the real genuine leader of all. Its chief points of merit are its absolute reliability of a sure crop, its uniformly large size of head, its great drought and worm-resisting qualities. A distinct feature of our American King is the small number and small size of the ribs. Our American King is the cabbage to grow. Price: Pkt., 10c; ½ Oz., 25c; Oz., 35c; 4 Oz., \$1.25; lb., \$4.25.

Above prices postpaid.

CABBAGE—Continued

ST. LOUIS LATE MARKET—For regularity in growth and sure heading this variety cannot be equaled. Is of handsome color and appearance; mammoth in size, delicious in flavor, highest in quality, extra short stem and compact in growth. Price: Pkt., 10c; ½ Oz., 20c; Oz., 35c; 4 Oz., \$1.00; lb., \$3.50.

SUPERIOR LATE FLAT DUTCH—The heads are large and very solid; open white, are crisp and tender, and sure to head. Price: Pkt., 10c; ½ Oz., 20c; Oz., 35c; 4 Oz., 75c; lb., \$2.75.

RED CABBAGE

EARLY RED ERFURT—Very early and solid. Price: Pkt., 10c; ½ Oz., 25c; Oz., 45c; 4 Oz., \$1.50.

MAMMOTH ROCK RED—This is by far the best, largest and surest-heading Red Cabbage ever introduced. The plant is large, with numerous spreading leaves. The head is large, round, very solid. Price: Pkt., 10c; ½ Oz., 25c; Oz., 45c; 4 Oz., \$1.50.

SAVOY CABBAGE

PERFECTION LATE SAVOY—None of the late-growing varieties can begin to equal in flavor this sort for family use; heads large. Price: Pkt., 10c; ½ Oz., 25c; Oz., 45c; 4 Oz., \$1.50.

EARLY DWARF ULM SAVOY—A very early and superior dwarf variety of fine quality. Price: Pkt., 10c; ½ Oz., 25c; Oz., 45c; 4 Oz., \$1.50.

CELERY OR CHINESE CABBAGE

Chinese Cabbage should be sown in the spring for early use and again in July or August for fall use. Sow in drills 16 to 20 inches apart and thin the seedlings to 10 inches apart.

The full grown plant resembles Cos lettuce in appearance. It has a nice flavor and may be eaten raw, or as a salad or cooked. Price: Pkt., 10c; Oz., 30c; 4 Oz., \$1.00.



CARROT

One ounce will sow
100 feet of drill.

CULTURE—April is the time to sow for early use. Sow seed in drills twelve to fifteen inches apart, and thin out from three to four inches in drill, covering seed about one-half inch. For general crop sow in May same distance apart as above, but cover seed a little deeper as sun is stronger. Perfect specimens require a fine, pulverized, deep soil.

Carrots are not appreciated as they should be. Their table qualities are excellent, and as a food for stock they are surpassed by few root crops. They are especially valuable when fed to dairy cows, producing an increased flow of rich milk and imparting a beautiful golden yellow to the butter. We urge a more general use of the Carrot among our customers. Like other root crops, it flourishes best in a well enriched sandy soil, deeply tilled, and if plowed the Fall before so much the better.

GUERANDE, or OXHEART

THE fact that this variety grows well in shallow soil and the shape of the carrot has readily placed the Oxheart Carrot in the ranks of the leaders.

The roots are broad at the top. Flesh is a bright orange, fine grain and very sweet. It is an excellent variety for the gardener, because of its thickness, which makes it a heavy producer. It is an excellent keeper and therefore appeals to all. Fine for home use and profitable for the market. Price: Pkt., 5c; Oz., 15c; ¼ lb., 35c; lb., 90c.

EARLY HALF-LONG SCARLET

VERY productive, medium early and of excellent quality. The roots are thick and range from five to six inches long, uniform in shape, stump-rooted but tapering slightly. Smooth skin and the flesh is of a deep orange red in color. Our early Half-Long is gaining in favor every year, a recognition of its many fine qualities. Price: Pkt., 5c; Oz., 15c; ¼ lb., 35c; lb., 90c; 5 lbs., \$4.00.

DANVER'S HALF-LONG IMPROVED

FOR a general crop Danver's Half-Long Carrot stands supreme; it is by far the most profitable for the market gardener and has long been our leading variety.

It is half-long in shape, almost cylindrical, somewhat stump-rooted, and of rich, dark orange color. Flesh is sweet, crisp and tender.

The greatest of care has been exercised in the selection of nothing but the highest class roots for seed purposes. Price: Pkt., 5c; Oz., 15c; ¼ lb., 35c; lb., 90c; 5 lbs., \$4.00.

IMPROVED RUBICAN

STUMP-ROOTED variety. It is a truly magnificent carrot of a rich orange shade and of a most excellent flavor. As a carrot of all uses, it stands alone on account of its extreme sweetness and its enormous yielding properties. In our new improved strain of Rubican we offer you seed that will surpass your highest hopes of a delicious all-around carrot. Price: Pkt., 5c; Oz., 15c; ¼ lb., 35c; lb., 90c; 5 lbs., \$4.00.

ST. VALERY

IN our new private strain of St. Valery we offer you one of the best. In size it is large; rich, deep orange in color. Price: Pkt., 5c; Oz., 15c; ¼ lb., 30c; lb., 75c; 5 lbs., \$3.50.

FRANKFURT

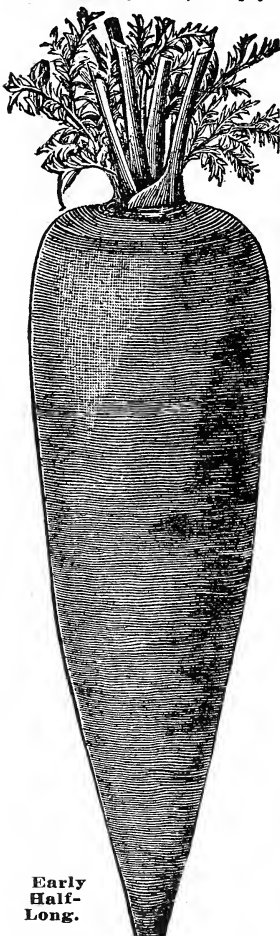
THIS is an excellent market variety, of a rich orange-red color, very smooth and handsome and producing very large crops.

It is grown largely on account of its productiveness and for its ability to adapt itself to all classes of soil.

Tops of medium size. Roots are of medium length, six to eight inches long, tapering uniformly to a blunt point. Although the roots of this variety are comparatively short they produce as large a bulk as the longer field sorts and are much easier to gather.

Years of testing and trials have made our strain of this popular variety the best that can be obtained. Price: Pkt., 10c; Oz., 20c; ¼ lb., 45c; lb., \$1.50.

Above prices postpaid.



Early
Half-
Long.



Danver's
Half-Long
Improved.

CELERY

One ounce will produce about 3,000 plants.
Price postpaid.

CULTURE—The proper time to sow is early in April, transplanting about the first of June. Set in rows 3 feet apart, and about 3 inches between plants in the row. Keep down all weeds, and as Fall approaches, draw earth up to the plants, keeping the stalks well together.

GOLDEN SELF-BLANCHING

THE heart is rich golden-yellow with light yellowish green outer-leaves. The ribs are thick and broad and the hearts large and solid.

It is the leading early variety and its superb quality, freedom from stringiness, its crispness and delightful flavor has endeared it to all who plant it.

If you want a strain from the highest type, the kind that will produce big results, you will find it here. Price: Pkt., 10c; ½ Oz., 25c; Oz., 40c; 4 Oz., \$1.25; 1b., \$4.00.

SANFORD'S EASY BLANCHING

THE stalks are of medium height and stocky in growth, and the easiness with which they are blanched and its keeping qualities has made it a universal favorite. The tender, brittle delicious flavored stalks are highly relished by all and their attractive appearance insures a good sale when offered on the market. Our seed was grown from highly selected, extra fine stock. Price: Pkt., 10c; ½ Oz., 25c; Oz., 40c; 4 Oz., \$1.25; 1b., \$4.00.

GOLDEN HEART—Fine variety of a beautiful waxy, golden yellow color, when blanched. It is a very showy and attractive variety, which is rapidly gaining more attention every year. Price: Pkt., 5c; Oz., 25c; ¼ lb., 75c; 1b., \$2.50.

WHITE PLUME—Valuable for Fall or early Winter use, very widely known for its remarkable vigor and is a truly beautiful type with stalks creamy white, crisp and delicious. Price: Pkt., 10c; Oz., 30c; ¼ lb., 90c.

CURLED CELERY—This new variety is a great favorite of the gardeners for cutting and bunching. Its use for flavoring has made it very valuable and should be grown on that account. For use in soups, etc., it is unexcelled. Price: Pkt., 5c; Oz., 25c; ¼ lb., 75c.



Golden Self-Blanching.

CELERIAC

(Turnip Rooted Celery)

CULTURE—Treat seeds and plants the same as recommended for celery with the exception that it is customary to set the plants in rows 1 foot apart.

GIANT PRAGUE (Turnip Rooted)—This celebrated variety is the largest, smoothest and best strain of celeriac that can be obtained. Owing to its fine flavor it should be more widely grown than it is as it is fine for flavoring soups and salads or boiled like turnips and parsnips. Price: Pkt., 5c; Oz., 25c; ¼ lb., 75c.

CARDOON

LARGE SPANISH—Large, fleshy-leaved plants, chiefly used as a Winter vegetable. The blanched stalks and broad ribs of the inner leaves when properly cooked are tender and of an agreeable flavor. Price: Pkt., 10c; Oz., 15c; ¼ lb., 50c; 1b., \$1.75.

CHICORY

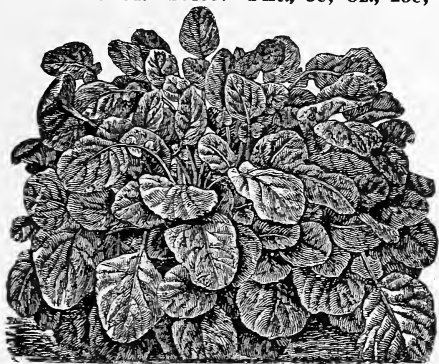
WITLOOF CHICORY—In order to grow good “Witloof” the seed should be sown during April in the open ground, in drills 10 or 12 inches apart, in deep, rich soil. Allow the plants to grow until November, then take up the roots and trim off the leaves up to about 1½ inches from the neck. Then plant in a trench 8 to 12 inches deep, placing the roots upright, about 1½ inches apart.

WITLOOF—Is eaten raw or as a salad and is also sometimes cooked like ordinary Endive. This is the best variety of Chicory. Price: Pkt., 10c; ½ Oz., 20c; Oz., 35c; ¼ lb., \$1.25.

LARGE ROOTED—The finest flavored and hardest growing variety. Price: Pkt., 5c; Oz., 25c; ¼ lb., 75c.



Witloof Chicory.



Corn Salad.

CORN SALAD OR FETTICUS

One ounce will sow about 100 feet of drill.

SOW the seed in early spring at the time of the first sowing of lettuce and make successional plantings as often as desired. For very early salads, sow in the fall and by protecting the plants during the winter months with leaves or straw, it can be gathered very early in the spring. If planted in April it is soon ready to use. Corn Salad is best served in mixtures with other herbs as lettuce, water-cress or white mustard.

LARGE LEAVED—The hardest, earliest and most appetizing variety grown. Price: Pkt., 5c; Oz., 15c; ¼ lb., 50c; 1b., \$1.75.

COLLARDS

A GREAT favorite in the South, where they are used extensively for “greens.” Culture similar to cabbage.

GEORGIA, OR SOUTHERN—The standard variety for productiveness. Price: Pkt., 5c; Oz., 15c.

SWEET CORN

By Parcel Post, see inside cover.

One lb. of seed will plant about 100 hills; 12 to 15 lbs., an acre in hills.

TO have the finest Sweet Corn it must be picked in just the right condition, that is, when the skin of the grain breaks at the slightest puncture. It will be of inferior quality if it is either a few days too old or too young. Our Sweet Corn is thoroughly tested before it leaves our hands. At the following prices on Corn—packets and quarter pounds are sent prepaid, all larger quantities are shipped at purchaser's expense.

GOLDEN BANTAM—This dwarf-growing early variety is the most deliciously flavored corn. The plants attain a height of three to four feet, bearing two or more ears, about five inches long, to a stalk. These little fat ears are so compactly filled with kernels and so sweet and delicious, so tender and milky, that it is the sweetest corn on earth. Price: Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.75; 25 lbs., \$5.00.

ADAM'S EXTRA EARLY—It is an excellent variety for roasting and of good quality if pulled promptly after reaching maturity. The truckers and market gardeners have found this an excellent variety for market growing. Price: Pkt., 5c; ¼ lb., 10c; ½ lb., 15c; 1 lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.75; 25 lbs., \$3.75; 100 lbs., \$10.00.

ADAM'S EARLY—Is another variety that has found great favor among the gardeners. Price: Pkt., 5c; ¼ lb., 10c; ½ lb., 15c; 1 lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.75; 25 lbs., \$3.75; 100 lbs., \$10.00.

EARLY WHITE CORY—The grain is large, broad, very white and of nice quality. The early Cory certainly is an excellent variety if you want early corn. Price: Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 35c; 5 lbs., \$1.25; 10 lbs., \$2.25; 25 lbs., \$4.25; 100 lbs., \$12.00.

MAMMOTH WHITE CORY—For a first-class early producing corn, for either market or home use, our strain of Mammoth White is mighty fine. Price: Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 35c; 5 lbs., \$1.25; 10 lbs., \$2.25; 25 lbs., \$4.25.

KENDALL'S EARLY GIANT—Those desiring the choicest and earliest Sweet Corn will do well to plant this variety, the growth being of a dwarf nature—4 to 5 feet high. Price: Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 35c; 5 lbs., \$1.25; 10 lbs., \$2.25; 25 lbs., \$4.25; 100 lbs., \$12.00.

EARLY EVERGREEN—The stalk is very strong, sturdy and of only medium height; the leaves broad and dark green in color, a habit of growth, which gives it great endurance during a dry time. Especially adapted for early trucking; also very desirable for the home garden. Price: Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 35c; 5 lbs., \$1.25; 10 lbs., \$2.25; 25 lbs., \$4.25; 100 lbs., \$11.00.

GENERAL CROP AND LATE

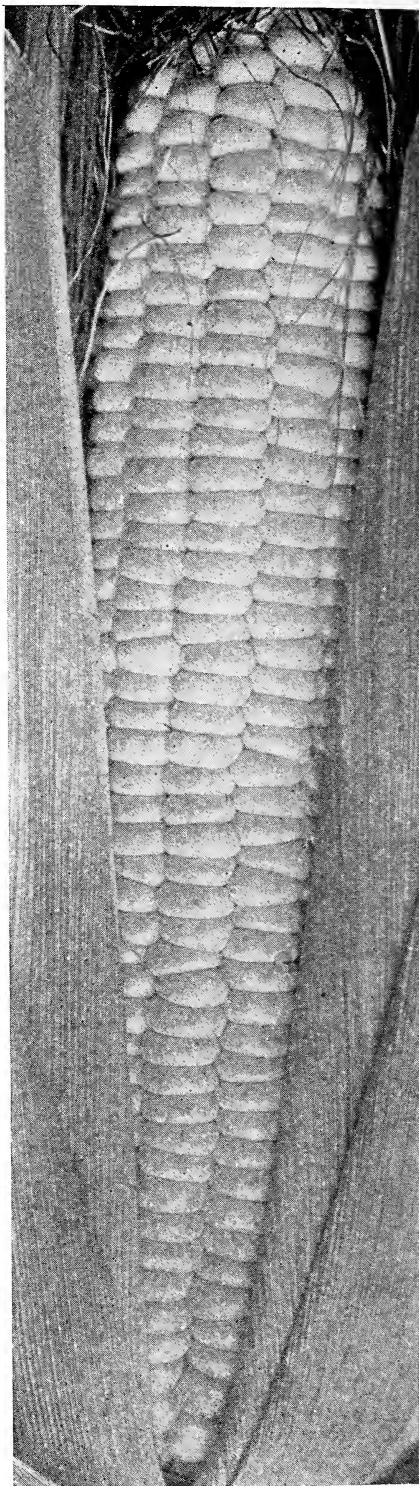
HOWLING MOB—The stalks are usually about 5 feet in height and produce early in the season two splendid ears to a stalk. The ears are 7 to 9 inches in length and are well covered with a heavy husk. Price: Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 35c; 5 lbs., \$1.25; 10 lbs., \$2.25; 25 lbs., \$4.25; 100 lbs., \$11.50.

COUNTRY GENTLEMAN—One of the richest flavored of all the late varieties. As a table Corn this variety stands unrivaled, and without doubt is the most luscious of all varieties of Sweet Corn. The plump, pearly-white kernels are of great depth, and most delicious. Price: Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.75; 25 lbs., \$4.50; 100 lbs., \$17.00.

STOWELL'S EVERGREEN—Too well known to need any introduction. The Stowell's Evergreen is hard to beat and for a long time to come many will have it in preference to any other sort. This Corn is distinguished by the large ear, the long, deep kernels, its rich, sugary flavor and its long-keeping qualities. Our seed has been selected for its sweetness, productivity and large size. Price: Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 35c; 5 lbs., \$1.25; 10 lbs., \$2.25; 25 lbs., \$4.25; 100 lbs., \$11.00.

WHITE EVERGREEN—Stalks very vigorous, 6 to 7 feet high. The ears are uniformly very large and well-filled. When in the green state both cob and kernel are white as snow. Price: Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 35c; 5 lbs., \$1.25; 10 lbs., \$2.25; 25 lbs., \$4.25.

ZIGZAG EVERGREEN—The very best of all late white varieties. The ears are large and grains are zigzag on the ears. Hence its name. Price: Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 35c; 5 lbs., \$1.25; 10 lbs., \$2.25; 25 lbs., \$4.25.



Stowell's Evergreen.

CUCUMBER

One ounce will plant
about 50 hills.

CULTURE—The first planting should be made in May in hotbeds; inverted sods form an excellent medium for both planting on and carrying the young plants to their permanent location, or small paper pots can be used. Such plantings are usually ready for transplanting to the open ground in from three to four weeks.

EARLY WHITE SPINE—This truly is the peerless cucumber and for slicing it has no equal. Our select strain of this variety is unsurpassed for the table or market. Price: Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

ST. L. S. CO.'S IMPROVED GREEN HYBRID—In our "Improved Green Hybrid" we offer the perfect cucumber, an extra early species of a most remarkable quality as well as appearance. For slicing it is superb, and its symmetrical fruits are uniformly large. The flesh is very solid, fine grained. Price: Pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

ARLINGTON IMPROVED WHITE SPINE—A fine variety for either forcing or out-of-doors planting. A good seller on the market and the most profitable cucumber to grow for shipping. Price: Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

EXTRA LONG WHITE SPINE OR EVERGREEN—Extra early, of a dark green color and very prolific. Fruits range from eight to ten inches in length and the absence of seeds is noticeable. A grand variety. Price: Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

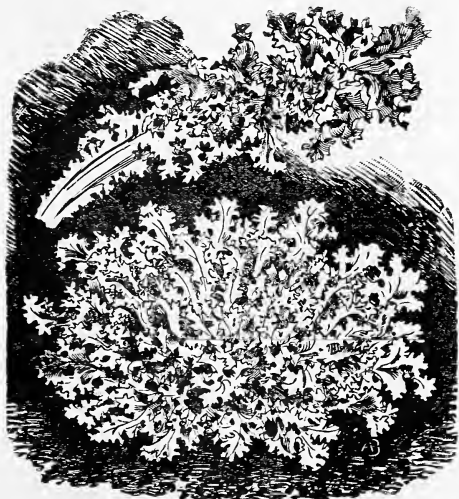
LONDON LONG GREEN—The standard of all long green varieties. Almost as early as the shorter varieties but its great size makes up for the difference. Price: Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00; 5 lbs., \$4.50.

JAPANESE CLIMBING—Here is a variety that won't take up so much space in your garden as it easily trails up poles or trellises. Price: Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

JERSEY PICKLE—The happy medium between the short and long green cucumbers. Price: Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

EARLY GREEN CLUSTER—A short pale-green variety, maturing early. The favorite for pickling. Price: Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

GHERKIN OR BURR—Makes excellent pickles and is quite a novelty. Price: Pkt., 10c; oz., 15c; ¼ lb., 50c.



Green Curled Endive.

CRESS

THE refreshing piquancy of the leaves of Cress has caused it to be greatly used as an appetizing salad or for garnishing various dishes. One ounce of cress will sow two hundred feet of row.

FINE CURLED (PEPPER GRASS)—Its rapid growth has aided a great demand for this variety of Cress. Price: Pkt., 5c; oz., 15c; ¼ lb., 40c.

WATER CRESS—A very hardy plant which can be grown easily in a shallow pond of fresh water or along the edges of shallow running streams. Seed may be started readily in pans or boxes of very moist earth, and when the young plants are well started, they can be transplanted to the stream or pond. Price: Pkt., 10c; oz., 30c; ¼ lb., \$1.00; lb., \$3.75.



Extra Long White Spine or Evergreen.

ENDIVE

One ounce of seed to 300 feet of row.

ENDIVE is one of the best and most wholesome salads for fall and winter use. Sow in shallow drills in April for early use, or for late use in June or July. When nearly full grown, and before they are fit for the table, they must be bleached.

GREEN CURLED—Ornamental curled leaves of dark green color. Blanches white and crisp. This is the standard variety and most widely planted. Price: Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

WHITE CURLED—Leaves are not as tender as the green curled but it is self-blanching and very attractive. Price: Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

BROAD-LEAVED or ESCAROLLE—Broad, thick ribs, with slightly wrinkled leaves. This is the best broad-leaved variety. Price: Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

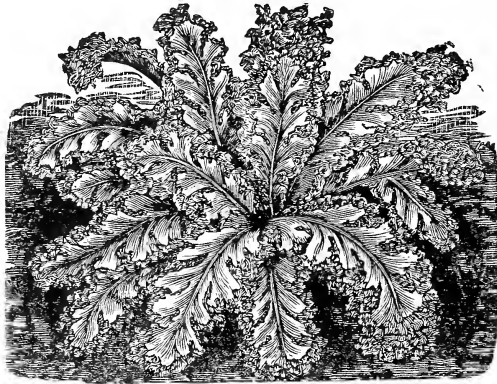
EGG PLANT (Eierpflanze)

One ounce will produce about 1,000 plants.

ST. L. S. CO.'S IMPROVED OVAL SPINELESS—This new variety, our own production, has proven itself superior to any other strain, being very early. Hardy and productive, it is an ideal variety and gardeners can make more money from this improved and selected strain than from any other. Price: Pkt., 10c; ½ Oz., 25c; Oz., 40c; ¼ lb., \$1.50.

BLACK BEAUTY—This distinct new variety is indeed a beauty. It is very attractive in appearance and of excellent flavor. Price: Pkt., 10c; ½ Oz., 25c; Oz., 40c; ¼ lb., \$1.50.

EARLY LONG PURPLE—An early, hardier variety; club-shaped, dark purple fruit six to eight inches long, preferred by some for slicing; flesh firm. Price: Pkt., 10c; ½ Oz., 25c; Oz., 40c; ¼ lb., \$1.50.



Dwarf German Green.

KALE

Sow four pounds to the acre; one ounce will sow 150 feet of drill.

CULTURE—For Spring use sow in September and protect during Winter with covering of straw. For Fall use sow in May or June, cover seed one-half inch deep.

DWARF GERMAN FOR SPRING—An improved selection of the ordinary Dwarf German Greens. A superior variety for market culture. It has no equal. Price: Pkt., 5c; Oz., 10c; ¼ lb., 35c; 1 lb., 90c; 5 lbs., \$4.25.

DWARF GERMAN GREEN HOME GROWN (for Fall)—Largely grown for supplying “greens” during the Fall, Winter and Spring. The plants are hardy; frost improves the quality. The leaves are very large, deeply curled and fringed, and of that desirable rich bright green color. Price: Pkt., 5c; Oz., 10c; ¼ lb., 35c; 1 lb., 90c; 5 lbs., \$4.25.

DOUBLE CURLED SCOTCH—Desirable for Winter and Spring greens. Leaves are curly like Parsley, tender and of very fine flavor. It is improved by frost. Price: Pkt., 10c; Oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.

TALL SCOTCH—This variety makes beautiful plants, two feet or more in height. Leaves are finely curled and very tender. Price: Pkt., 10c; Oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.

LEEK

LEEK is a mild onion flavored plant, prized as being the ideal for soup, etc. Transplant in rows 1 foot apart and 6 inches apart in the row.

LONDON FLAG—The earliest, largest and most uniform of all. Price: Pkt., 10c; Oz., 20c; ¼ lb., 65c; 1 lb., \$2.25.

LARGE ROUEN—A large, thick, short-stemmed variety. Price: Pkt., 10c; Oz., 20c; ¼ lb., 65c; 1 lb., \$2.25.



St. Louis S. Co.'s Improved Oval Spineless.

KOHL-RABI

One ounce will sow about 200 feet of drill.

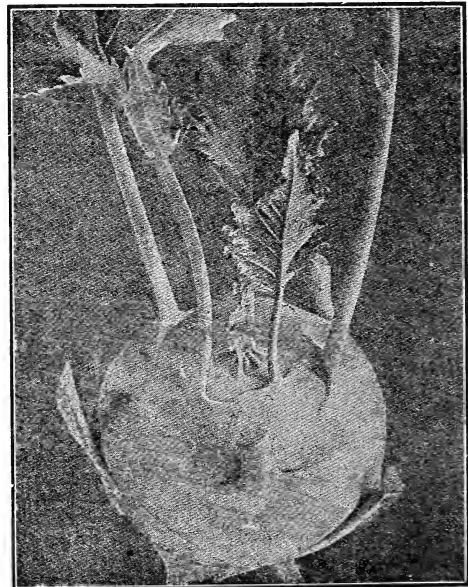
CULTURE—This is a very delicious vegetable, and is increasing in popularity rapidly; combines the good qualities of the turnip and cabbage, but excels both in nutritive and productive qualities. Sow in Spring in rows 14 inches apart, and thin away the plants to 8 inches.

EARLIEST WHITE ERFURT—An excellent variety for forcing. It will also do well in the open ground. Price: Pkt., 10c; Oz., 25c; ¼ lb., 90c.

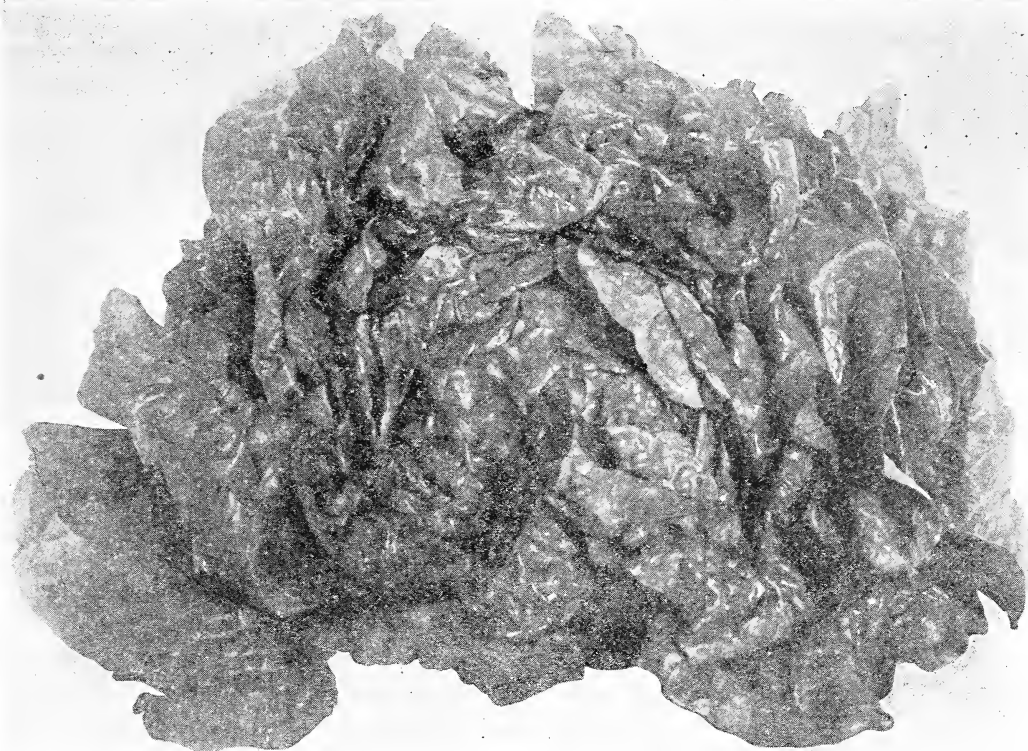
EARLY WHITE VIENNA—Flesh white and tender; a standard sort for market and table use. Good for forcing. This variety has a very short top and forms the ball quickly, thus making it a particularly desirable sort on account of its earliness. Price: Pkt., 10c; Oz., 25c; ¼ lb., 90c.

EARLY PURPLE VIENNA—Differs from the early White Vienna in color only. Price: Pkt., 10c; Oz., 25c; ¼ lb., 90c.

Above prices postpaid.



Kohl-Rabi.



ST. L. S. CO.'S BIG MARKET GARDENER LETTUCE

A GRAND, LARGE CABBAGE LETTUCE—FOR EITHER EARLY SPRING OR FALL

THIS is the most extensively grown Lettuce in the country either for market or private tables. For a time tried and true Lettuce you will find the Market Gardener the finest lettuce that can be planted and when you consider its many fine qualities, you will then realize that anything said about this variety is far from exaggeration; in fact, our strain of Market Gardener cannot be fully described as it is the one perfect lettuce and if you grow it you will learn for yourself.

Whether grown in the open ground for early Spring or Fall use, or in frames for Spring, it invariably gives both the grower and user the utmost satisfaction, producing under ordinarily favorable conditions, splendid buttery-yellow heads, packed with thoroughly blanched leaves, crisp, tender, sweet, white and of the most exquisite flavor. Its handsome appearance, with large outside leaves and its long-standing qualities without running to seed have made it the universal favorite.

The best test is to visit some of the large growers in this vicinity and see the large areas of it, may be seen as late as November 15th; a slight covering of salt hay amply protects the plants from hard frosts, and when cut for market the leaves are fresh and bright. Thousands of acres of our Market Gardener are grown during the Winter in Florida and other Southern states for shipping to Northern markets. We know of no other variety that gives such general satisfaction and for those who have a desire to grow a superior Lettuce, they cannot grow anything better. Years of testing and care have assisted in producing this remarkable Lettuce and it will pay you to take advantage of this and plant this Superior strain. Price: Pkt., 10c; Oz., 20c; ¼ lb., 60c; 1 lb., \$1.75; 5 lbs., \$7.00.

EARLY CURLED VARIETIES

CULTURE—Lettuce seed should be sown very early in the Spring and at intervals of 15 days for a succession; sow the seed in shallow drills—being careful to firm the soil well over the seed and thin to 4 inches apart in row. Two ounces of seed will sow 150 feet of rows, 4 to 5 pounds seed required per acre.

EARLY CURLED SIMPSON—The standard cutting or loose-headed variety. Earlier than the heading sorts. Price: Pkt., 5c; Oz., 15c; ¼ lb., 40c; lb., \$1.25.

BLACK SEEDED SIMPSON—Larger and lighter in color than Early Curled Simpson. Price: Pkt., 5c; Oz., 15c; ¼ lb., 40c; lb., \$1.25.

GRAND RAPIDS—Especially adapted for early family use. A loose-headed Lettuce of pleasing appearance and remarkable table merit. Price: Pkt., 10c; Oz., 20c; ¼ lb., 65c; 1 lb., \$2.00.

PRIZEHEAD—As its name implies, forms a very large, loose head, slightly tinged with brown. Price: Pkt., 5c; Oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.

Above prices postpaid.

LETTUCE Continued Outdoor Growing For General Crop

ST. L. S. CO.'S BLACK SEEDED FORCING—

The favorite of gardeners who grow for the St. Louis market, where there is always a big demand for this popular variety. Heads are of a medium size, well formed and compact, of excellent quality and fine appearance. For a fine, delicious, early tender Lettuce, plant our Black Seeded Forcing. Price: Pkt., 5c; Oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.

ST. L. S. CO.'S BIG BOSTON—

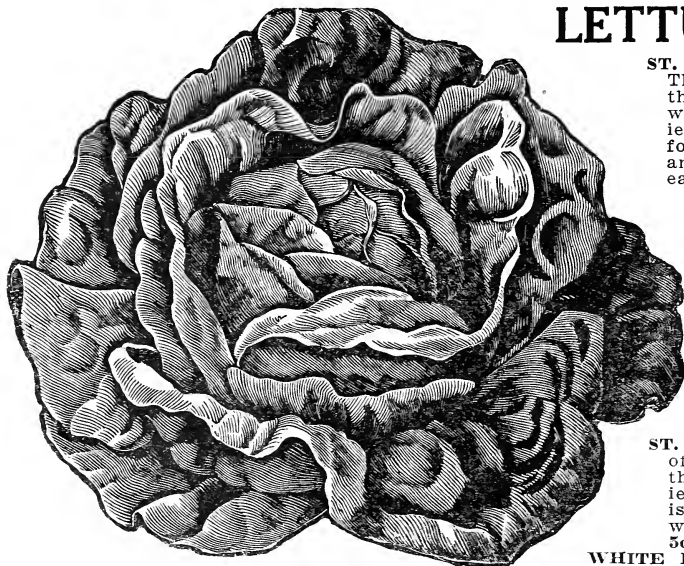
This grand variety has proved to be most valuable and is now being more extensively grown for market and private use than any lettuce. Whether it is grown in the open ground for Summer and Fall use, or in frames for Spring, it still produces the splendid, large, buttery-yellow heads, packed with thoroughly blanched leaves, crisp, tender. Price: Pkt., 5c; Oz., 15c; ¼ lb., 50c; 1 lb., \$1.50; 5 lbs., \$6.25.

ST. L. S. CO.'S IMP. BUTTER—This is one of the finest, the most brittle as well as the crispest lettuce. This delicious variety is of the cabbage type. Every plant is uniformly perfect, nearly all head and with but few outside leaves. Price: Pkt., 5c; Oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.

WHITE BIG BOSTON—This excellent variety is noted for its extra large and firm heads, and thin leaves of the finest quality. The interior is most beautifully blanched, creamy-white, crisp, tender and delicious and absolutely free from the bitterness prevalent in some lettuce. It is a very large, robust-growing variety, and a sure header; does well during the cool Fall and Spring months. Heads of a pleasing light-green color, firm and of superior quality. When grown in cold frames, the heads are not as tight as when grown outside. One of the best market varieties we know. Price: Pkt., 5c; Oz., 15c; ¼ lb., 50c; 1 lb., \$1.50; 5 lbs., \$6.25.

N. Y. WONDERFUL, or LOS ANGELES—This splendid mammoth heading and long-keeping variety has been grown to weigh 3 pounds to the head. Heart is solid, of light green color, very sweet, tender and crisp. Long-standing. Perfect heads and a good shipper. Price: Pkt., 10c; Oz., 20c; ¼ lb., 75c; 1 lb., \$2.50.

ICEBERG—This is a cabbage heading variety, crisp and tender. Large, extremely hard and well balanced heads. Leaves are slightly blistered, crumpled and twisted. Color, light green. Price: Pkt., 10c; Oz., 20c; ¼ lb., 65c; 1 lb., \$2.00. Above prices postpaid.



St. Louis Market.

MAMMOTH BLACK SEEDED BUTTER—A fine variety for outdoor planting or for cold frames, either for market or home use. It produces extra large heads, very compact, of a fine flavor. Price: Pkt., 10c; Oz., 20c; ¼ lb., 60c; 1 lb., \$1.75; 5 lbs., \$7.00.

ST. LOUIS MARKET—A great favorite among the gardeners where its many good qualities insure for it a big market demand, with a good price for same. Its large heads of crisp, buttery flavor have made this variety the most popular market variety and you can be sure of a big crop of lettuce if you plant our strain of St. Louis Market. For the Summer home garden. Price: Pkt., 5c; Oz., 15c; ¼ lb., 50c; 1 lb., \$1.50; 5 lbs., \$6.25.

HANSON—In every respect an ideal lettuce. It never fails to make large handsome heads. Price: Pkt., 5c; Oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.

TRIANON COS (Romanine)—A distinct variety, tall, self-bleaching. Price: Pkt., 5c; Oz., 15c; ¼ lb., 50c.

HARDY GREEN WINTER—Very popular. Price: Pkt., 5c; Oz., 15c; ¼ lb., 50c.

BROWN DUTCH WINTER—The standard Winter sort. Of delicious flavor. Price: Pkt., 5c; Oz., 15c; ¼ lb., 50c.

MUSTARD

(One ounce will sow 40 feet of drill)

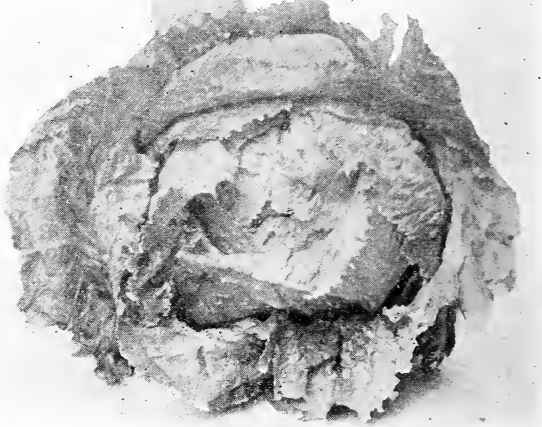
(By Parcel Post, See Inside Cover.)

MUSTARD should be sown in every garden. As a money maker it attains a high rank, always being in great demand by hotels; for greens, salads, etc., it is unsurpassed.

CHINESE CURLED—When cooked like spinach the broad leaves of this variety are delicious. They are often more than a foot in length and crimped much like the Savoy Cabbage. Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 60c; 5 lbs., \$2.50.

GIANT SOUTHERN CURLED—A favorite in the South, growing very large with a beautiful curled leaf. It is very tender and of especially good flavor; also desirable for garnishing. Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 60c; 5 lbs., \$2.50.

WHITE OR YELLOW LONDON—Seeds are used for pickling and the leaves are relished by many people. Price: Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 75c.



Iceberg Lettuce

MUSKMELON

One ounce will plant about 50 hills; 2 to 3 Lbs. in hills per acre.

(Seed by Parcel Post, See Inside Cover.)

CULTIVATE in hills, which should be 5 to 6 feet apart each way, and composed of light, moderately rich soil. The hills should be dug about 2 feet square, 18 inches deep, and half-filled with well-rotted manure, which must be thoroughly incorporated with the soil. Plant in May, ten seeds to the hill, and when the plants are well up, thin out to three. Cultivate until the vines cover the ground and pinch the ends of the growing shoots to induce early fruiting.

ST. L. S. CO.'S EDEN GEM—This famous variety is the finest early green-fleshed of all the Rocky Ford type Melon in cultivation. The fruits are remarkably uniform in size, weighing from one and a quarter to one and a half pounds each. They are quite thick meated, with very thin rinds; skin light green, regularly ribbed and heavily netted, turning to a golden yellow as the Melon ripens. Flesh light green in color, firm but melting, of uniformly fine flavor. **Price:** Pkt., 5c; Oz., 10c; ¼ lb., 35c; lb., \$1.00.

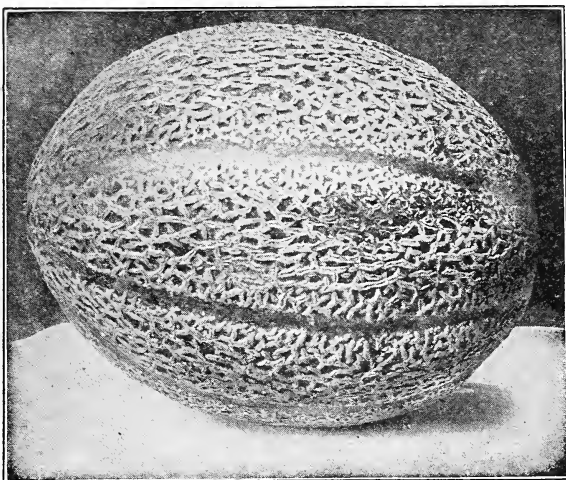
ST. LOUIS MARKET—By far the sweetest and most luscious, richly flavored melon ever grown. Flesh is green and delicious, rind is green and solid, with a rich aromatic flavor that is simply indescribable. **Price:** Pkt., 5c; Oz., 10c; ¼ lb., 35c; lb., \$1.00; 5 lbs., \$4.50.

BURREL GEM—The flesh is of the most handsome salmon color, the skin of a beautiful netted dark green; it is shallow ribbed and shaped similar to the Rocky Ford, only larger. **Price:** Pkt., 5c; Oz., 10c; ¼ lb., 35c; lb., \$1.00.

ROCKY FORD PINK MEAT

THIS muskmellon is considered the best of the salmon fleshed Rocky Fords. Is the most reliable and best cropper, thriving on most any soil, and has proven the best all round melon. The fruits are of great uniformity in size and shape, with well developed gray netting, closely laced and covering the entire surface. The rich salmon flesh is very deep, solid, of a luscious, sweet flavor and ripens clear to the rind.

Its shipping qualities are excellent, quality all that can be desired, and we believe is destined to become popular. **Price:** Pkt., 10c; Oz., 15c; ¼ lb., 50c; lb., \$1.50.



Rocky Ford, or Netted Gem.

OSAGE—Dark green skin of a peculiar netting. Salmon flesh, very delicious. **Price:** Pkt., 5c; Oz., 10c; ¼ lb., 35c; lb., \$1.00.

HONEY DEW—Melons are a little different from both Muskmelons and Watermelons. The skin is smooth and hard, flesh extremely tender, rich, sweet and juicy. **Price:** Pkt., 10c; Oz., 15c; ¼ lb., 50c; lb., \$1.50.

COLORADO QUEEN—We pronounce this the best green-fleshed melon for shipping long distances offered to date. It is as early as the Rocky Ford, with deep flesh. The illustration shows the shape. It will hold up longer before getting soft and turning yellow than any variety we know of. The netting is heavy slightly covering the ribs. It averages a trifle larger than Burrel Gem. **Price:** Pkt., 5c; Oz., 10c; ¼ lb., 35c; lb., \$1.00; 5 lbs., \$4.50.

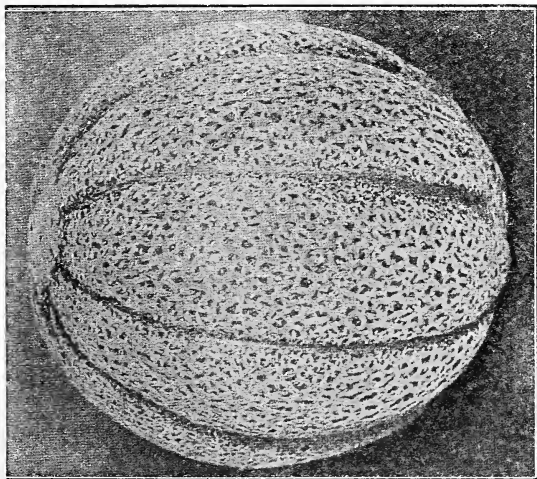
ROCKY FORD OR NETTED GEM—The Melon that made Rocky Ford famous. The favorite green-fleshed shipping variety. Known well and favorably wherever Melons are grown; more largely planted and shipped in larger quantities than any other sort. Flesh green, very thick, sweet and juicy. **Price:** Pkt., 5c; Oz., 10c; ¼ lb., 35c; lb., \$1.00; 5 lbs., \$4.50.

EXTRA EARLY HACKENSACK—This early green fleshed variety is popular in many sections as a market melon and is also extensively used as a home garden sort. The fruits are nearly two weeks earlier than Hackensack, medium to large sized, nearly round or somewhat flattened, evenly and deeply ribbed and with very coarse netting. The skin is green, slightly tinged with yellow as the fruits mature. The flesh is green, a little coarse but juicy and sweet. **Price:** Pkt., 5c; Oz., 10c; ¼ lb., 35c; lb., \$1.00.

EMERALD GEM—It is of a rich delicious flavor and fine quality. Very early and prolific; skin is striped deep emerald green with a few light colored stripes. Flesh is very thick and salmon color. Exceedingly popular variety for market gardener or home use. **Price:** Pkt., 5c; Oz., 10c; ¼ lb., 35c; lb., \$1.00.

POMEGRANATE—When ripe, color of an orange. Fragrant. **Price:** Pkt., 5c; Oz., 15c; ¼ lb., 50c.

BANANA—Very long Cucumber-shaped; delicious odor; late. **Price:** Pkt., 10c; Oz., 15c; ¼ lb., 50c.

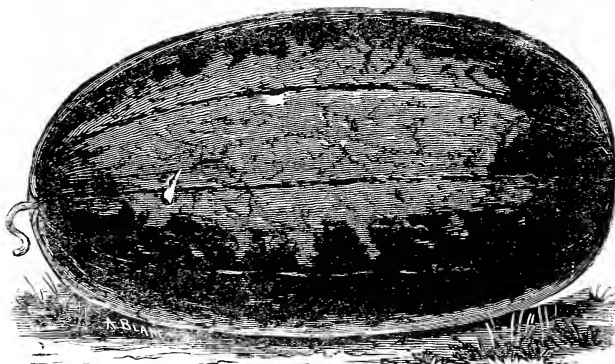


Colorado Queen.

WATERMELON

One ounce will plant
about 50 hills

CULTURE.—Treat the same as muskmelon, except that they should be planted 8 to 10 feet apart, according to variety. (By Parcel Post, See Inside Cover.)



Tom Watson.

FORDHOOK EARLY—A most delicious and productive variety for the family garden, succeeding in northern states, where melons were never matured before. The flesh is of a beautiful bright red color. Price: Pkt., 5c; Oz., 10c; ¼ lb., 25c; lb., 75c.

KLECKLY SWEETS (Monte Cristo)—Is especially recommended for its fine flavor—in this respect surpassing most all others. Price: Pkt., 5c; Oz., 10c; ¼ lb., 25c; lb., 75c.

TOM WATSON—A large, long melon similar in shape, color and splendid quality to Monte Cristo but averaging larger in size and with a tougher rind, making it especially adapted for shipping to distant markets. The vines are vigorous and productive. The flesh is rich red, sweet and tender. Seed white, more or less marked with brown. Wherever grown in the south it has become very popular as a shipping sort. There has been an increasing demand of late for a better quality of shipping melon and this demand has been met in a most exceptional degree by the Tom Watson. Price: Pkt., 10c; Oz., 15c; ¼ lb., 35c; lb., \$1.00; 5 lbs., \$4.50.

McIVER'S WONDERFUL SUGAR—This celebrated melon is claimed by many to be the sweetest of all varieties. Crisp, free from any strings. Solid meat. Price: Pkt., 5c; Oz., 10c; ¼ lb., 25c; lb., 75c.

CITRON—The fruits are medium sized, uniformly round and are used exclusively for preserves or pickles. The color is dark green, distinctly striped and marbled with light green. The flesh is white and solid but is not at all suitable for eating raw. Seed red. Price: Pkt., 5c; Oz., 10c; ¼ lb., 25c.

FLORIDA FAVORITE—Shape oblong, with light and dark green skin; flesh is bright crimson and deliciously sweet. We offer only a select stock of this famous melon. Price: Pkt., 5c; Oz., 10c; ¼ lb., 25c; lb., 75c.

ST. L. S. CO'S SWEETHEART—This melon is our great leader; it is one of the finest large melons in existence. Almost globular, but a little longer than thick. Skin is a beautiful light, bright mottled green, thin, but very tough rind. Price: Pkt., 5c; Oz., 10c; ¼ lb., 25c; lb., 75c.

GEORGIA RATTLESNAKE—One of the largest varieties, and stands shipping long distances. Fruits of good size, oblong in form, distinctly striped and mottled; flesh bright scarlet and of excellent quality. Price: Pkt., 5c; Oz., 10c; ¼ lb., 25c; lb., 75c.

MUSHROOM CULTURE

Mushroom Culture Leaflet Mailed Free. Ask for it when you order your Spawn.

MUSHROOMS may be grown in a great number of places such as a dark room, cellar, stable and many other places. In fact, any place, in which an even temperature of about 50 to 60 degrees may be kept, is suitable. The growing of Mushrooms is one of the most profitable for the person who has the space, and the big demand for Mushrooms all over the country has increased greatly and this delicacy finds a ready market. Enormous quantities of Mushrooms are used by hotels, restaurants and even private families and the easiness with which they are grown ought to find a bigger supply.

The making of the Mushroom bed has puzzled many and for that reason we have prepared a special Cultural Circular on Growing Mushrooms. We will gladly send this circular free to anyone interested and it will also be included with your order for spawn if you mention it on your order. This leaflet will help you solve many of the difficulties which confront the beginner.

LAMBERT'S PURE CULTURE SPAWN

WE ALWAYS have a fine, fresh supply of "Pure Culture" Spawn on hand and you can depend on getting the kind of spawn that will produce large mushrooms. There has been such a great demand for this spawn that we are unable to obtain any, but the manufacturers are again making regular shipments and our many growers can expect their usual supply of Spawn of the highest quality.

This Spawn comes in bricks weighing about 18 to 20 ounces. A brick is sufficient to spawn ten square feet of bed. Be sure to mention the cultural leaflet when you order your spawn. Price: Per brick, 25c; 5 bricks, \$1.00. If wanted by parcel post add 5 cents a brick for postage.

Read These Books on Mushrooms

MUSHROOM CULTURE—By Robinson. The best English book, cloth bound. Price: \$1.00, postpaid.

MUSHROOMS—By W. Falconer. The best American book, cloth bound. Price: \$1.50, postpaid.



ONION

An ounce will sow 100 feet of drill. Four to five pounds to the acre for Large Onions.

CULTURE—Sow in rich, sandy soil, in drills 1 foot apart, as early as possible in the Spring, cover with fine soil; when plants are strong enough, thin out to 3 or 4 inches. Have ground thoroughly cultivated, free from weeds and well fertilized.

EARLY RED TRIPOLI—A grand early red variety. Price: Pkt., 10c; oz., 20c; ¼ lb., 65c; 1 lb., \$1.75.

LARGE RED WETHERSFIELD—Undoubtedly the most popular Onion ever grown. The standard of all red varieties. Skin is deep purple red, flesh purplish white. (See cut.) Price: Pkt., 10c; oz., 20c; ¼ lb., 65c; 1 lb., \$1.75; 5 lbs., \$8.00.

LARGE RED GLOBE—This celebrated variety differs from the Wethersfield in being almost a perfect globe and matures later, and by its handsome appearance on the market sells better. An excellent keeper. Price: Pkt., 10c; oz., 20c; ¼ lb., 65c; 1 lb., \$1.75; 5 lbs., \$8.00.

YELLOW GLOBE DANVERS—A very handsome round or globe shape variety of large size, with thin, yellow skin. Price: Pkt., 10c; oz., 20c; ¼ lb., 65c; 1 lb., \$1.75.

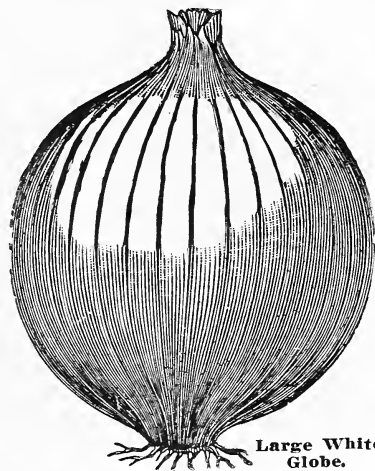
PHILADELPHIA SILVERSKIN—One of the leading white sorts, beautiful shape and mild flavor. It is largely used for growing sets on account of its fine shape when small. Price: Pkt., 10c; oz., 20c; ¼ lb., 65c; 1 lb., \$1.75; 5 lbs., \$7.75.

LARGE WHITE GLOBE—This celebrated Onion in appearance and quality is one of the finest in cultivation. Perfectly globe-shaped, with pure white skin; fine grained and of excellent flavor. A good keeper. Price: Pkt., 10c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.25; 5 lbs., \$10.00.

GIANT YELLOW PRIZE TAKER—Our new Giant Yellow Prize Taker cannot be recommended too highly. There is a limit to the good qualities of other Onions. The king of all main crop varieties. Price: Pkt., 10c; oz., 20c; ¼ lb., 65c; 1 lb., \$1.75; 5 lbs., \$8.00.

MAMMOTH SILVER KING (White Garanus)—One of the greatest, grandest and most delicious Onions ever offered. Grows very large, early; flat but thick through; tender and of very mild sweet flavor; uniform in size and shape. Price: Pkt., 10c; oz., 25c; ¼ lb., 85c; 1 lb., \$3.00.

Above prices postpaid.



Large White Globe.

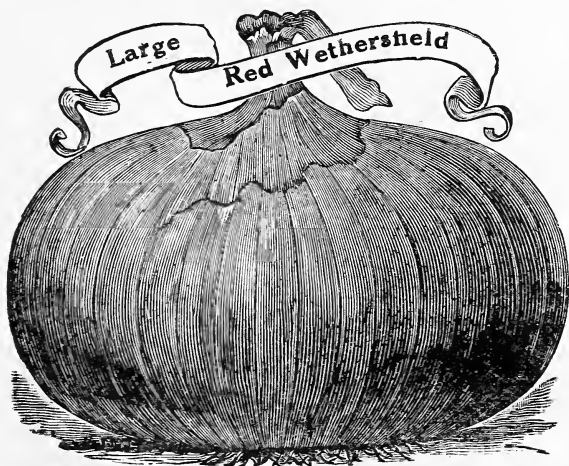
ONION SETS

(By Parcel Post, add 5c a quart postage. Prices subject to change) **THE** advisability of planting onion sets is recognized everywhere and if you want fine young green onions in short time.

WHITE ONION SETS—For setting in early Spring to produce the first early white Onions. We have a select grade of these sets. Price: Qt., 25c; gal., 90c; pk., \$1.50; bu. (32 lbs.), \$4.00.

YELLOW ONION SETS—These, like the white and red, are for early setting in Spring. Fine for raising early big onions. Price: Qt., 25c; gal., 85c; pk., \$1.25; bu. (32 lbs.), \$3.50.

RED ONION SETS—Very widely used for setting in early Spring to produce green onions for the table, and also for large onions. Price: Qt., 25c; gal., 85c; pk., \$1.25; bu. (32 lbs.), \$3.50.



OKRA, OR GUMBO

Sow seed thinly in drills one inch deep and three feet apart. When well up thin out the plants to one foot apart. Gather the pods when young. Very delicious and appetizing.

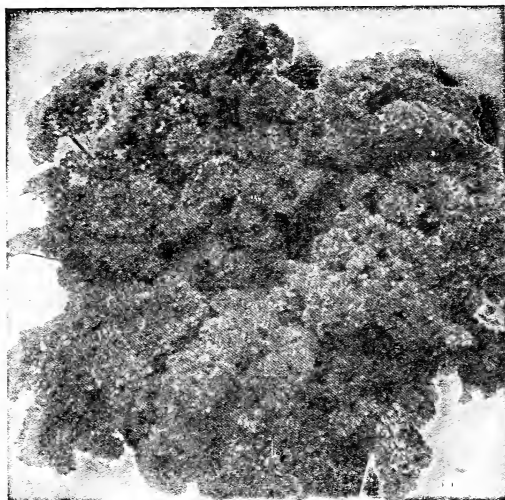
WHITE VELVET—Beautiful, smooth velvety white pods, produced in the greatest abundance. Price: Pkt., 5c; Oz., 10c; ¼ lb., 25c; 1 lb., 75c.

PERKINS MAMMOTH LONG POD—In productiveness this Okra is simply wonderful. Pods of an intense green color, are of an unusual length and do not get hard. Price: Pkt., 5c; Oz., 10c; ¼ lb., 25c; 1 lb., 75c.

DWARF GREEN—The standard dwarf, short green-pod variety. Very productive. Price: Pkt., 5c; Oz., 10c; ¼ lb., 25c; 1 lb., 75c.



Dwarf Green Okra



Double Curled Parsley.

PEPPER

One ounce will produce about 2,000 plants.

CULTURE—Sow in hotbed in March, or April; transplant in open ground when all danger from frost is over, in rows three feet apart and two feet apart in row. For prices on pepper plants, see page 30.

PIMENTO—This very popular variety used extensively by the Spanish people in their Pimento salads. It is a thick meated variety of mild flavor, being brilliant red in flesh, and very productive. Price: Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.50.

CRIMSON KING—The fruit is not quite as large as Chinese Giant; in shape not quite so blocky. (See illustration.) In weight is much heavier than any other variety of the same size. In flavor it is the mildest we have ever known, as the flesh may be eaten raw from the hand. Price: Pkt., 10c; ½ oz., 25c; 1 oz., 40c; ¼ lb., \$1.50.

CHINESE GIANT—The compact plants are very prolific, setting 3 to 4 extra large fruits at the base quite early in the season, which ripen while a second crop is setting on the branches. The fruit is quite square in appearance, while the flesh is thick and very mild, being entirely free from any fiery flavor. Price: Pkt., 10c; ½ oz., 25c; 1 oz., 40c; ¼ lb., \$1.50.

RUBY KING—One of the standard Peppers, very large and of mild flavor. Bright ruby red color. Price: Pkt., 10c; ½ oz., 20c; 1 oz., 35c; ¼ lb., \$1.25.

BELL, OR BULL NOSE—Early and of mild flavor. A favorite for pickling. Large, bright red, thick flesh. Price: Pkt., 10c; ½ oz., 20c; 1 oz., 35c; ¼ lb., \$1.25.

SWEET MOUNTAIN—Larger in size and milder in flavor than Bell, or Bull Nose. Very productive. Price: Pkt., 10c; ½ oz., 20c; 1 oz., 35c; ¼ lb., \$1.25.

LONG RED CAYENNE—Of dwarf growth, bearing long, pungent pods. Very productive. An ideal home variety. Price: Pkt., 10c; ½ oz., 20c; 1 oz., 35c; ¼ lb., \$1.25.

RED CHILI—Smaller and later than Cayenne. Extensively used for pepper sauce. Price: Pkt., 10c; ½ oz., 25c; 1 oz., 40c.

RED CHERRY—The finest of the small, round varieties. Excellent for pickles, sauce, etc. Price: Pkt., 10c; ½ oz., 25c; 1 oz., 40c.

TOBACCO—This variety is used in manufacturing the well-known Tobasco Sauce. Price: Pkt., 10c; ½ oz., 25c; 1 oz., 40c.

Above prices postpaid.

PARSLEY

(By Parcel Post, See Inside Front Cover.)

One ounce will sow 100 feet of drill.

CULTURE—Make the rows 12 to 14 inches apart. Thin to 3 or 4 inches apart, or transplant at this distance. Can be sown in hot-beds in February, or later in open ground. Late in Autumn place frames over some of the plants to lengthen out the season for cutting.

DOUBLE CURLED—Very robust, free growth. Leaves are large, very dark green and beautifully curled; exceedingly large yielder. Stands heat and cold better than most varieties. Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

HAMBURG, OR ROOTED—A rooted variety, of which the roots are the portion used; good in flavoring soups and stews. Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

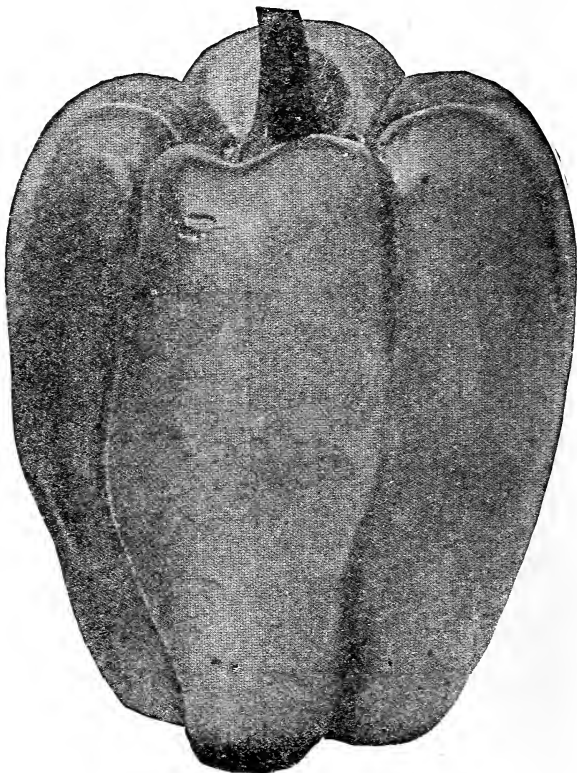
PLAIN LEAF—Leaves are longer and darker green than the curled varieties; very hardy. Excellent for seasoning. Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

PARSNIP

One oz. of seed for 200 ft. of row; 5 lbs. seed required for an acre.

CULTURE—Work the soil very deep and pulverize the surface thoroughly. Sow the seed in early Spring, ¼ of an inch deep, in rows 12 to 18 inches apart. As soon as the young plants appear, cultivate and hand weed them, and when 3 inches high thin to 6 inches apart in the row.

HOLLOW CROWN (Large Sugar)—The best and most widely cultivated variety. Grows long, smooth, tender and is very sugary. Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.25.



Crimson King Pepper.

PEAS

(Peas by Parcel Post, See Inside Front Cover.)

CULTURE—Plant early, smooth varieties as soon as frost is out of the ground; follow with the early wrinkled sorts in a week or 10 days and make successive plantings every 10 days until middle of June. Plant 2 to 3 inches deep, in rows 24 inches apart, if cultivated by hand; if by horse power, rows should be 3 feet apart. Dwarf varieties require no sticks, tall varieties do better staked. Use 1 Lb., to 50 feet of drill, 2 to 3 bushels per acre.

EXTRA EARLY VARIETIES

ST. L. S. CO.'S IMPROVED EXTRA EARLY—Superior to all rivals. Very prolific, bushes becoming loaded with large, smooth green peas of beautiful texture. Maturation in from 40 to 45 days after germination, very uniformly. Price: Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.50; 30 lbs., \$5.75.

ALASKA—One of the earliest smooth varieties. Pods are a dark green color, extra well filled and ripen very uniformly. Height about 2 feet. Price: Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.50; 30 lbs., \$5.75.

FIRST OF ALL, or ECLIPSE—Pods grow large and solid and contain from one to two more Peas to a pod than any other variety. Vines average a height of about 24 to 26 inches, and produce pods in abundance. Price: Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.50; 30 lbs., \$6.00.

GRADUS, OR PROSPERITY—The earliest of all the wrinkled Peas. Produces large green pods 4 to 6 inches long. The vines are two feet high, pale green in color; the pods are borne singly and freely from top to bottom of the vine, contain from six to ten Peas of luscious quality. Price: Pkt., 10c; ¼ lb., 20c; ½ lb., 30c; 1 lb., 50c; 5 lbs., \$1.90; 10 lbs., \$3.00; 30 lbs., \$7.50.



St. L. S. Co.'s Impr. Extra Early.

SECOND EARLY AND MAIN VARIETIES

AMERICAN WONDER—The old popular favorite among all who grow Peas and year after year has seen greater plantings of this meritorious Pea, and especially of our improved strain. In our American Wonder you have all the fine qualities that could be desired for the small dwarf-like bushes are so heavily laden with beans of the finest quality, that for home use it is unequalled. Bushes grow to height of about 15 inches and peas are of that well-liked dark-green color. Price: Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.50; 30 lbs., \$6.00.

ST. L. S. CO.'S SUTTONS EXCELSIOR—This Pea is the leader of the main-crop varieties, of vigorous constitution which shows itself in the strong, handsome plant, about 18 inches high. The excellent quality of the peas, large size of the pods, heavy yielding properties and hardness have made it a great favorite among the gardeners. Peas are of dark green color, stout and heavy, and contain from 7 to 9 Peas of the most exquisite quality. Price: Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.50; 30 lbs., \$6.00.

LAXTONIAN—These Peas possess the admirable merit of preserving their tenderness and luscious flavor long after they are young and what is still more, they retain their attractive dark green color when served. For an unexcelled strain of this famous variety, it will pay you to get your seed from us. Price: Pkt., 10c; ¼ lb., 20c; ½ lb., 30c; 1 lb., 50c; 5 lbs., \$1.90; 10 lbs., \$3.00; 30 lbs., \$7.50.

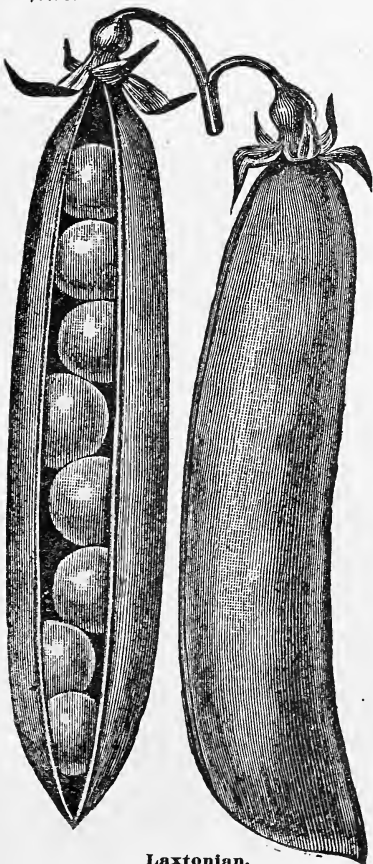
NOTT'S EXCELSIOR—The best very early, dwarf pea. It combines the good qualities of American Wonder and Premium Gem peas. The vines are larger and more productive than American Wonder. The pods are medium sized, about two and three-fourths inches long. The peas, in sweetness and quality, are unsurpassed. Seed medium sized, wrinkled, green and somewhat flattened. A most desirable early sort for the market gardener and unsurpassed for the home garden. Price: Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.50; 30 lbs., \$6.00.

TELEGRAPH—Peas are very large and of dark green color; seed almost smooth. Vines are tall, about four to four and one-half feet. Pods are exceedingly large, about four and one-half inches long. This is a splendid garden variety and the gardener who plants this variety is sure of a profitable crop. Price: Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.50; 30 lbs., \$6.00.

PEAS, EDIBLE POD

EDIBLE POD TALL MELTING SUGAR—A foreign Pea, little known in this country. A wonderfully productive sort. Price: Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.50.

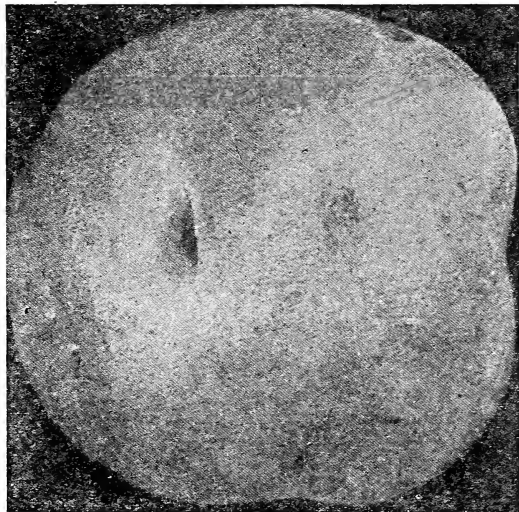
EDIBLE POD DWARF GREY SUGAR—Of a dwarf growth, a fine edible pod when young. Price: Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.50.



Laxtonian.

NORTHERN GROWN SEED POTATOES

CULTURE—And good well-drained fibrous loam will produce Potatoes under right climatic conditions. For early Potatoes, which mature in 8 to 10 weeks from planting, the soil must be particularly rich. A rich clover sod, manured and broken the year before and planted to corn, beans, peas, etc., is in best shape for giving a good yield of nice, clean Potatoes. Stable manure had better be applied to the land the year before, while some good complete fertilizer, at the rate of up to 1,000 pounds per acre if applied broadcast, or 400 to 600 pounds if applied mostly in the rows, may be used directly for the Potato crop. Open furrows 3 feet apart and 3 to 4 inches deep. Then plant good-sized pieces, each containing not less than 2 or 3 eyes, 15 inches apart in the furrows for early Potatoes, and 18 inches apart for late ones. In some of the large Potato sections the Potatoes are always planted in check rows 3 feet apart each way. Cover with covered, small plow or other suitable tool. Cultivate often. Spray with Arsenate of Lead Mixture as a protection from flea beetle, potato beetle and blight. 8 to 10 bushels will plant an acre.



CARMAN

ONE of the most popular of the Carman group of potatoes. A white, flat variety, which sets its tubers very close to the top of the soil, thus giving good yields in clay soil where other varieties fail. This characteristic applies also to Rural New Yorker. Our seed has been very carefully selected and given the best soil for a number of years.

Price: 10 lbs., 65c; 30 lbs., \$1.60; 60 lbs., \$3.00.

PUMPKINS

(By Parcel Post, See Inside Front Cover.)

One ounce will plant 50 hills

CULTURE—Plant in April or May, among corn, or in the garden, in hills 8 to 10 feet apart, and otherwise treat in the same manner as melons.

MAMMOTH KING, or POTIRON—The best large pumpkin in use. Forms immense globular shape, flattened a little at the end. Skin reddish yellow in color and flesh rich orange. This is unquestionably the very best mammoth pumpkin we have. It runs very uniform in shape and color and all are of immense size. Price: Pkt., 10c; Oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

LARGE CHEESE—Shape flat; skin mottled light green and yellow, changing to a rich cream color. Price: Pkt., 5c; Oz., 10c; ¼ lb., 25c; 1 lb., 75c.

KENTUCKY FIELD—A large, round, slightly ribbed, soft shell, salmon-colored Pumpkin that is very productive and excellent for stock. Price: Pkt., 5c; Oz., 10c; ¼ lb., 25c; 1 lb., 75c.

SMALL SUGAR—Best for home use. Price: Pkt., 5c; Oz., 10c; ¼ lb., 25c; 1 lb., 75c.

JAPANESE PIE—Similar in size and form to the well-known Cushaw, but the skin is a deep green, with dark stripes, turning to a rich golden yellow. Flesh, deep yellow of fine quality. Price: Pkt., 5c; Oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.

TENNESSEE SWEET POTATO—A good variety for making pies and other cooking purposes. It is of medium size, of a white, creamy color, and has an excellent flavor; good keeper. Price: Pkt., 5c; Oz., 15c; ¼ lb., 35c; 1 lb., \$1.00.

BLISS' RED TRIUMPH

EXTREMELY prolific and a full week advance of Early Rose. Color, a beautiful light red. Size, medium. Growth, very uniform. Shape, nearly round. The flesh is white; very mealy when cooked. This potato is in exceedingly high favor with Southern market gardeners and truckers, and is shipped to the Northern markets. Price: 10 lbs., 75c; 30 lbs., \$1.75; 60 lbs., \$3.25.

EARLY ROSE

NO INTRODUCTION is necessary for this standard productive variety. For earliness, goodness of quality and a No. 1 market sort, it stands in the top rank. Price: 10 lbs., 75c; 30 lbs., \$1.60; 60 lbs., \$3.00.

EARLY OHIO

NORTHERN-GROWN in the Red River Valley. Much need not be said of this great potato. Among the standard early varieties it undoubtedly stands at the head of the list. An excellent keeper for such an early variety. Price: 10 lbs., 75c; 30 lbs., \$1.60; 60 lbs., \$3.00.

IRISH COBBLER

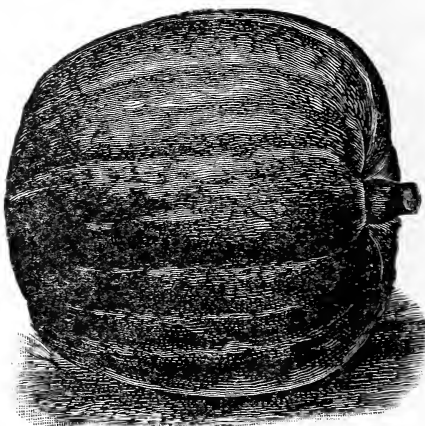
A FINE EARLY WHITE POTATO

THIS has become one of the general favorites in all localities for early as well as late planting. When it was first sent out it was not claimed to be particularly early, but extensive growing in this locality proves that it is fully as early as the Early Rose. The tubers are round in shape, eyes somewhat deep, and tubers of both fine appearance and quality. Price: 10 lbs., 75c; 30 lbs., \$1.75; 60 lbs., \$3.25.

RURAL NEW YORKER

THE standard white market potato. It is very large, usually smooth, oblong inclining to round, and rather flattened. Skin and flesh white; quality excellent; season intermediate. Tubers of great uniformity in size; almost every one marketable. Known everywhere as “Dusty” Rural. Price: 10 lbs., 65c; 30 lbs., \$1.60; 60 lbs., \$3.00.

PRICES ARE SUBJECT TO CHANGE ON ALL POTATOES



RADISH

(By Parcel Post, See Inside Cover.)

CULTURE.—Sow seed as early in Spring as ground can be well cultivated, in drills, 10 to 12 inches apart; thin out to 1 inch apart for small, 2 to 4 inches for large varieties. Soil should be rich, light and well pulverized. Continue sowing every week or ten days for continuous crop. Quick growth insures good quality; they mature in from 18 days to 4 or 5 weeks, according to variety. One ounce to 100 feet of drill, 10 to 12 pounds per acre

EARLY SCARLET TURNIP WHITE TIP—A very handsome and attractive Radish of a rich, carmine scarlet color and tipped white. It is invaluable for forcing or for open air growing and always a big demand for this fine variety. Its flavor is excellent and its qualities have made it stand out above the ordinary varieties for market growing or for home use. Price: Pkt., 5c; Oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.25.

FIRE BALL RADISH—It is a "Fire Ball" both in growth and appearance and Radishes in 21 days from the time of planting is the unrivaled record held by this fine strain. Its rich, crisp brittle flavor, with remarkably good growth and fine pinkish red color has made it a universal favorite. Price: Pkt., 10c; Oz., 15c; ¼ lb., 40c; 1 lb., \$1.25; 5 lbs., \$5.50.

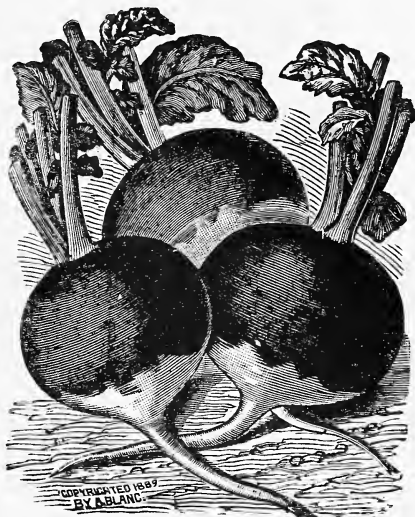
EARLY SCARLET GLOBE—The interior of the root is pure white, mild, crisp and fine grained. Its season is rather short, and it must be pulled reasonably soon after maturity. Recommended for the home garden, for the market garden or for greenhouse forcing. Price: Pkt., 10c; Oz., 15c; ¼ lb., 30c; 1 lb., 85c; 5 lbs., \$3.75.

PHILADELPHIA WHITE BOX—This famous white turnip-shaped or globe-shaped Radish is the foremost of its class. Price: Pkt., 5c; Oz., 10c; ¼ lb., 25c; 1 lb., 75c; 5 lbs., \$3.25.

ST. L. S. CO'S CRIMSON GIANT—It is round, bright crimson, attaining a maximum size, before becoming pithy, of one and three-quarters inches long by one and one-quarter inches in diameter. Price: Pkt., 5c; Oz., 10c; ¼ lb., 30c; 1 lb., 85c.



Long White Strassburg.



Early Scarlet Turnip White Tip.

EARLY SCARLET TURNIP—The famous small round red, crisp, tender, solid and brittle. Price: Pkt., 5c; Oz., 10c; ¼ lb., 25c; lb., 75c.

YELLOW OVAL SHAPED—A fine summer turnip-shaped variety; yellow in color, but white meat and tender. Price: Pkt., 5c; Oz., 10c; ¼ lb., 25c; lb., 75c.

WHITE STRASSBURG—Even when comparatively small this variety is in good condition for use and continues crisp until matured. The roots are rather thick at the shoulder and are usually somewhat tapering. This is one of the best large, white later summer sorts for home garden and market. Price: Pkt., 5c; Oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.25.

FRENCH BREAKFAST—Too well known to need any introduction. Scarlet with white tips. Price: Pkt., 5c; Oz., 10c; ¼ lb., 25c; lb., 75c.

WHITE LADY FINGER (Long Vienna)—Of slender, graceful form and remarkably crisp, brittle and tender. Price: Pkt., 5c; Oz., 10c; ¼ lb., 25c; lb., 75c.

WOOD'S EARLY FRAME—In shape half long; much used for forcing. Price: Pkt., 5c; Oz., 10c; ¼ lb., 25c; lb., 75c.

ICICLE—Our strain of ICICLE is excellent as well as profitable and used for either forcing or for outdoor planting. A fine variety for market and private gardeners, who have a demand for an early long white radish. Price: Pkt., 5c; Oz., 10c; ¼ lb., 25c; lb., 75c.

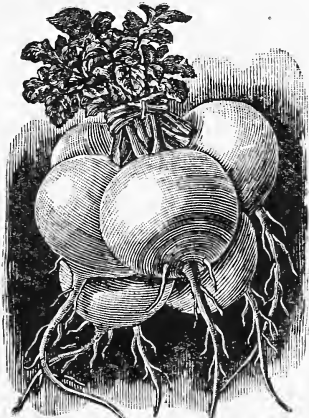
WINTER VARIETIES

ROUND BLACK SPANISH—The roots are round, sometimes slightly top shaped, three or four inches in diameter. The skin is almost black. The flesh is white, very compact, decidedly pungent, but well flavored. The variety keeps well through the winter. Price: Pkt., 5c; Oz., 10c; ¼ lb., 30c; lb., 85c.

LONG BLACK SPANISH—One of the best for winter use. Price: Pkt., 5c; Oz., 10c; ¼ lb., 30c; lb., 85c.

WHITE SPANISH—Very solid and tender. The best white Radish for late Fall Planting; largely used by our market gardeners. Price: Pkt., 5c; Oz., 10c; ¼ lb., 30c; lb., 85c.

ROSE COLORED CHINA—Root long, of a fine scarlet color. Extremely solid and a most excellent keeping variety. Price: Pkt., 5c; Oz., 10c; ¼ lb., 25c; lb., 85c.



Philadelphia White Box.

RHUBARB (Rharbarber)

CULTURE—This plant is mostly propagated by division of the roots. The best time to set out the plants is early in the Spring, although it is sometimes done in Autumn.

EARLY LINNAEUS—The earliest and tenderest variety, fine for sauce, pies, etc. Grown largely by gardeners for early market. Price: Pkt., 5c; Oz., 15c; ¼ lb., 50c; lb., \$1.50.

MYATT'S VICTORIA—Later than Linnaeus, but mammoth in size; also of a finer quality. Very juicy, tender and almost stringless. Price: Pkt., 5c; Oz., 15c; ¼ lb., 50c; lb., \$1.50.

RHUBARB ROOTS—Strong roots. Two years old. Price: Each, 20c; Doz., \$2.25; 100 for \$17.00.

SALSIFY OR OYSTER PLANT

One ounce will sow 50 feet of drill.

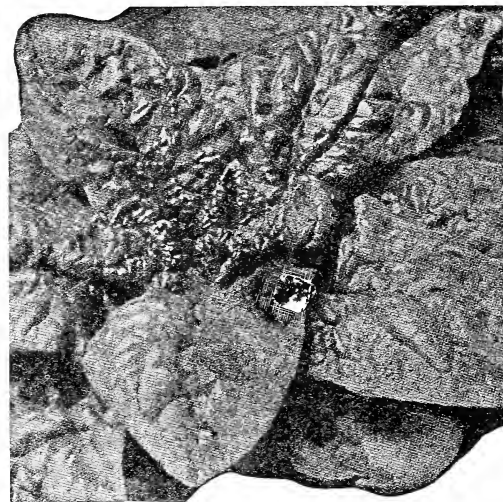
MAMMOTH SANDWICH ISLAND—The favorite variety of Salsify, as well as the largest and best sort in cultivation; very hardy. Grown extensively by gardeners and truckers everywhere. Price: Pkt., 10c; Oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.

SPINACH

One ounce will sow 50 feet of drill. Twenty to twenty-five pounds will sow an acre.

CULTURE—Spinach may be sown on any ordinary soil, and its cultivation is a very simple matter. It is grown both as a Spring and Summer crop.

LONG SEASON—A very dark green, crumpled variety, in general appearance similar to Savoy Leaved but considerably larger and broader in leaf. Price: Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c; 10 lbs., \$3.50.



BLOOMSDALE, or SAVOY—This is by far the most popular Spinach among the gardeners and is the best Spring and Fall Spinach ever offered. It quickly grows into a fine, large crop and a crop of this variety outweighs any other variety. Price: Pkt., 5c; Oz., 10c; ¼ lb., 20c; 1 lb., 50c; 10 lbs., \$3.00.

ROUND THICK LEAF—Leaves round and almost smooth. Produces large, round, thick, dark green leaves. Price: Pkt., 5c; Oz., 10c; ¼ lb., 20c; 1 lb., 50c; 10 lbs., \$3.00.

NEW ZEALAND—Makes a luxuriant growth all Summer. In its appearance it is entirely distinct from other Spinach. It is of exceptional fine quality and extremely tender. Price: Pkt., 10c; Oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

SQUASH

(By Parcel Post, See Inside Front Cover.)

One ounce of the small seeded varieties will plant 20 hills; 2 to 3 pounds an acre.

CULTURE—Do not plant until settled weather, as plants are very tender. Use same methods as for Cucumbers and Melons.



Hubbard Squash.

EARLY WHITE SCALLOP BUSH—A beautiful white Squash of light cream color, large size flat. Elegant for home use. Price: Pkt., 5c; Oz., 10c; ¼ lb., 30c; lb., \$1.00.

MAMMOTH WHITE SCALLOP BUSH—This handsome large white variety is about twice the size of the Early White Scallop Bush, purer white color and in quality is far superior to above. Price: Pkt., 5c; Oz., 10c; ¼ lb., 30c; lb., \$1.00.

YELLOW SUMMER CROOKNECK—This famous variety is an ideal baking sort as well as being enormously productive. It is of a bush form. Small crooked neck, with warts. Price: Pkt., 5c; Oz., 10c; ¼ lb., 35c; lb., \$1.25.

HUBBARD—Time-tried and worthy of the consideration of all and should be planted by everyone who relishes squash. Flesh is of a dark yellow color, fine grained. Price: Pkt., 5c; Oz., 10c; ¼ lb., 35c; lb., \$1.25.

VEGETABLE or ITALIAN MARROW—The very earliest of all the Squashes. Although usually eaten when quite small still it is good for the table when nearly full grown. The color is dark green at first, but changes to a lighter green as it matures. Price: Pkt., 5c; Oz., 10c; ¼ lb., 35c; lb., \$1.25.

IMPROVED STRIPED CUSHAW—It is of a beautiful variegated coloring, producing stripes of a mottled effect. Very prolific and of medium size; an ideal baking variety. Price: Pkt., 5c; Oz., 10c; ¼ lb., 35c; lb., \$1.25.

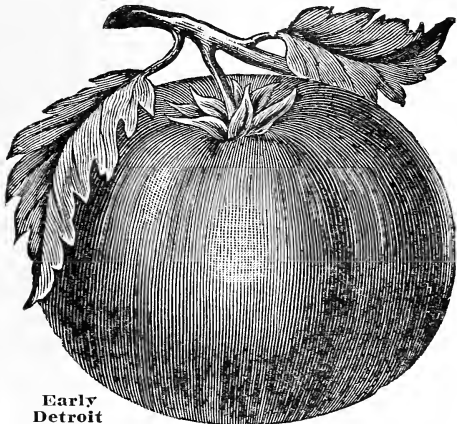
DELICIOUS—A very early winter variety of medium size. It varies somewhat in color and form, usually oval shaped with green, smooth skin, sometimes slightly mottled. Price: Pkt., 5c; Oz., 10c; ¼ lb., 35c; lb., \$1.25.

TOMATO

Prices Postpaid.

One ounce will produce about 1,000 plants.

CULTURE—The seed should be sown in a hotbed about the first week in March, in drills 5 inches apart and half an inch deep. When the plants are about 2 inches high, they should be transplanted into another hotbed and planted 4 inches apart, or planted in 4-inch pots, allowing a single plant to a pot. About the 15th of May the plants may be set out in the open ground 3 feet apart. Water freely at the time of transplanting. Sufficient plants for a small garden may be started by sowing a few seeds in a shallow box or flower-pot, and placing it in a sunny window of the room or kitchen. The fruit is greatly improved in quality if the vines are tied to a trellis or to stalks.



Early
Detroit

EARLY SORTS

BONNY BEST—This variety is a favorite for forcing; just the size wanted (round); color rich scarlet red, very smooth, fruit set in bunches and in great abundance. Everything is in its favor for a forcing Tomato. **Price:** Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

EARLIANA (The Earliest Red Tomato)—The plants are of compact growth, with short, close-jointed branches, setting the fruit very freely in the center. The Tomato is of uniform size, averaging 3 inches in diameter, and from 2 to 2½ inches in depth; solid, with few seeds, making a splendid variety for shipping. **Price:** Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

JUNE PINK—The earliest pink Tomato, similar to Earliana except that the color is pink instead of red. The fruits are of fair size and ripen evenly, practically permitting the entire crop to be harvested at one time. **Price:** Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

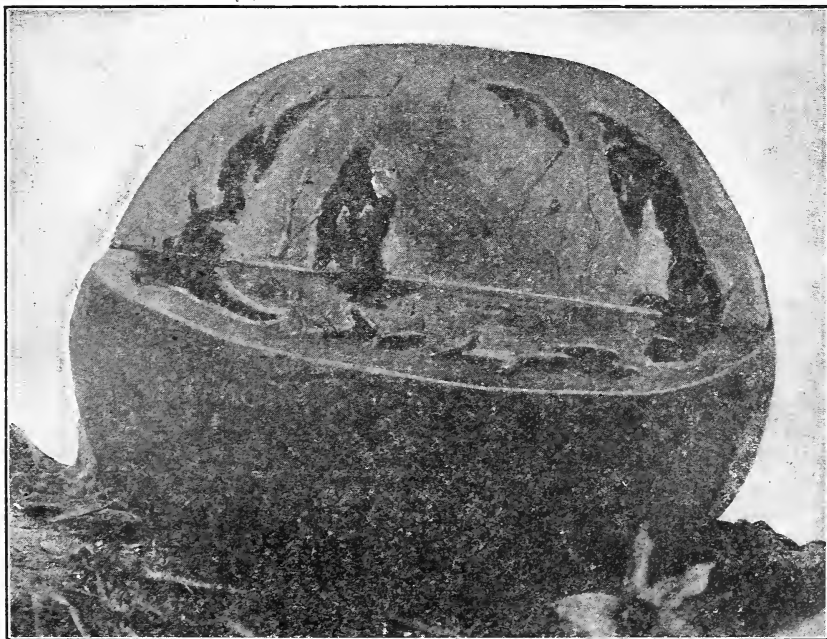
EARLY DETROIT—The largest and best of the early purplish pink tomatoes. Vine vigorous and very productive. Fruits very smooth, uniform in size, nearly globe-shaped; firm, and excellent quality. **Price:** Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.40; 1 lb., \$5.00.

ST. L. S. CO. IMPROVED EXCELSIOR

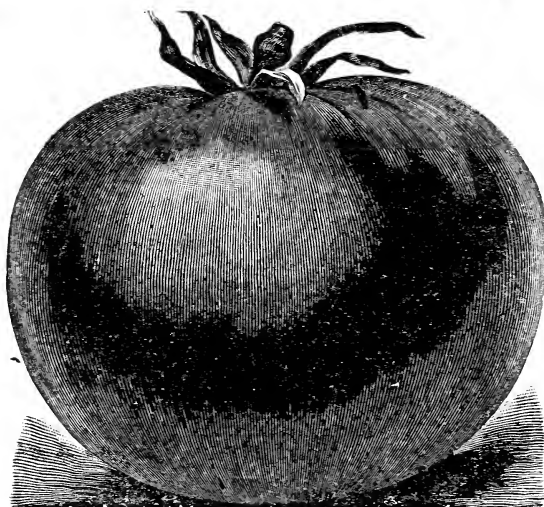
OUR NEW STRAIN of this famous Tomato is simply superb. It is of a dark, glossy, purplish red, very large and very solid. The plants make a very strong growth, are hardy and bear most plentifully. This fruit is produced in clusters of four to six large and of perfect shape, and retain this size until late in the season. Ripening early, with flesh of the most excellent quality, and with the seed cells very small, it is the ideal Tomato.

We have a very carefully selected stock of this universal favorite and if you want to plant a Tomato for big crop, this variety is unexcelled. For the home garden, its tender meat and scarcity of seeds have made it a real leader and we cannot urge you too strongly to make a test of this excellent variety.

It stands supreme and we want everybody to grow some of this variety and it will appeal to you as the one perfect variety for you to plant season after season. And our strain is the strain that will please you. **Price:** Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.40; 1 lb., \$5.00.



TOMATO—Continued



Livingston Globe.

DWARF CHAMPION—This is sometimes sold as the “Tree Tomato.” It is a second early or main crop, purplish pink variety, especially desirable where garden space is limited. The vines are about two feet high, vigorous, upright and compact. The fruits are medium sized, exceptionally smooth and of very good quality. Our stock is a very superior strain with more even, smoother fruit than the original. Price: Pkt., 10c; Oz., 30c; ¼ lb., \$1.00.

SMALL FRUITED TOMATOES

GOLDEN BALL—A beautiful large, round, yellow sort. Very fine flavored. Price: Pkt., 10c; Oz., 30c; ¼ lb., \$1.00.

HUSK, OR GROUND CHERRY—A favorite canning or preserving variety. Price: Pkt., 10c; Oz., 30c; ¼ lb., \$1.00.

PEACH—Size, shape and color of a peach. Price: Pkt., 10c; Oz., 30c; ¼ lb., \$1.00.

YELLOW PEAR—Excellent for “putting up.” Price: Pkt., 10c; Oz., 30c; ¼ lb., \$1.00.

YELLOW PLUM—Popular small yellow for preserving. Price: Pkt., 10c; Oz., 30c; ¼ lb., \$1.00.

RED CHERRY—Fruits small, about five-eighths of an inch in diameter, perfectly round and smooth. Fine for pickles and preserves. Price: Pkt., 10c; Oz., 30c; ¼ lb., \$1.00.

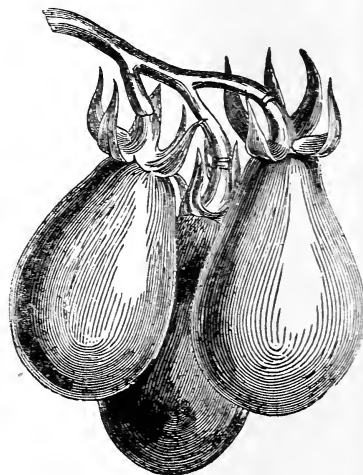
RED PEAR—Used for preserves and to make “Tomato Figs.” Fruits bright red, distinctly pear shaped and of excellent flavor. Price: Pkt., 10c; Oz., 30c; ¼ lb., \$1.00.

Above prices postpaid.



Mo. Broad Leaf.

WE DELIVER FREE IN THE U. S. ALL VEGETABLE AND FLOWER SEEDS BY THE PACKET, OUNCE OR QUARTER POUND.



SECOND EARLY, OR MAIN CROP

LIVINGSTON'S BEAUTY—This standard Tomato is well known. Grows in large clusters and retains its large size late in the season. Color, “purple”. Price: Pkt., 10c; Oz., 25c; ¼ lb., 75c.

LIVINGSTON GLOBE—A large, purplish pink globe-shaped or very nearly round tomato of excellent quality. It is extensively used for shipping. The vines are very vigorous and productive. The fruits are rather uneven in size but are very smooth and mature a little earlier than most mid-season or main crop varieties. Price: Pkt., 10c; ½ Oz., 25c; Oz., 40c; ¼ lb., \$1.40; 1 lb., \$5.00.

PONDEROSA—A purplish pink, main crop tomato of the largest size. The vines are vigorous and very productive. The fruits are very solid, with exceptionally few seeds, fairly smooth and considered of very good quality, especially by those who prefer a tomato quite free from acid. It is very desirable for slicing. Price: Pkt., 10c; ½ Oz., 25c; Oz., 40c; ¼ lb., \$1.40.

STONE—One of the largest and most solid, main crop or late bright red varieties. It is unsurpassed for slicing and canning. The vines are large, vigorous and very productive. The fruits are bright deep scarlet, oval and very deep, exceptionally smooth and uniform in size. Our stock is distinctly superior to most of that offered under this name, being larger, smoother, more uniform and better colored. Price: Pkt., 10c; Oz., 25c; ¼ lb., 75c; 1 lb., \$2.75.

MAMMOTH LARGE RED—This famous variety is enormous both in size and yield, it being one of the largest smooth, round, red Tomatoes. Clear, bright red color. Flesh is thick and heavy. Price: Pkt., 10c; ½ Oz., 25c; Oz., 40c; ¼ lb., \$1.40; 1 lb., \$5.00.

TOBACCO

DARK PLUG WRAPPER—BIG ORONOKA—A favorite Virginia variety. Grows very large, broad leaves. Price: Pkt., 10c; ½ Oz., 25c.

MISSOURI BROAD LEAF—A well-known standard sort; very large yielder, an ideal sort for home use. Price: Pkt., 10c; ½ oz., 25c.

WHITE BURLEY—The standard main crop variety which produces one of the most fashionable types for manufacturing and cutting. Price: Pkt., 10c; ½ Oz., 25c.

HAVANA—The leading smoking variety. Commands a high price for cigar stock. Price: Pkt., 10c; ½ Oz., 25c.

TURNIP

One ounce will sow 200 feet of drill, one to two pounds for an acre.

CULTURE—For early sow seed of flat varieties in open ground in spring in drills one foot or more apart, using seed sparingly. Thin to 3 or 4 inches apart. For succession sow every two weeks until June. For fall and winter sow in July and August. A good crop may often be grown by scattering seed thinly in the cornfield at last cultivation. For Rutabagas sow seed in seed-bed in Spring and transplant to good warm soil, in rows at least 2 feet apart and 8 or 10 inches apart in the rows, or sow in open ground during June and early July. Take up the roots just before winter, top and store in cool cellar, or pit outdoors.

EXTRA EARLY PURPLE TOP MILAN—Fully a week earlier than any variety.

Flat and smooth; of medium size. Pure white flesh of choice quality. A good keeper. Fine table variety to grow either in Spring or Fall. Price: Pkt., 10c; Oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

PURPLE TOP WHITE GLOBE—This excellent table variety is globular in shape, of good size and very attractive appearance. The roots are large, purple or dark red above ground, white below. The flesh is white, fine grained and tender. The roots when in best condition for the table are about three inches in diameter, but can be grown much larger for stock feeding. This sort keeps well for so early a variety and is one of the best for market use. Price: Pkt., 5c; Oz., 10c; ¼ lb., 25c; 1 lb., 75c; 5 lbs., \$3.00.

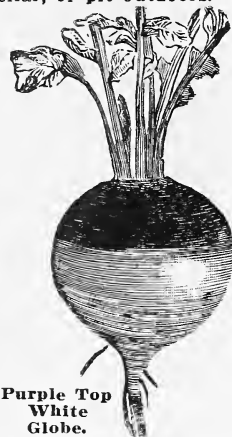
PURPLE TOP FLAT STRAP LEAF—A very early strap leaved variety, very extensively used for the table. The leaves are few, entire, upright in growth. The roots are flat, of medium size, purple or dark red above ground, white below. The flesh is white, fine grained and tender. Roots when in best condition for table use are about two and one-half inches in diameter but can be grown much larger for stock feeding. This sort is also known as Early Red Top, Strap Leaved. Price: Pkt., 5c; Oz., 10c; ¼ lb., 25c; 1 lb., 65c.

WHITE GLOBE—The king of all mammoth white Turnips. Immense white, globe-shaped roots. Considering the size, it matures early. A very good autumn variety. Price: Pkt., 5c; Oz., 10c; ¼ lb., 25c; 1 lb., 75c.

YELLOW OR AMBER GLOBE—Is the staple yellow Turnip, both for table and for feeding stock. Heavy cropper and keeps well. Flesh firm and sweet. Price: Pkt., 5c; Oz., 10c; ¼ lb., 25c; 1 lb., 75c.

WHITE EGG—An early, oval or egg-shaped variety with smooth, clear white roots of medium size which grow half out of the ground. The tops are small with leaves distinctly cut. The flesh is clear white, firm, fine grained and sweet. The roots of this quick-growing sort when in best condition for use are usually about two inches in diameter and about three and one-half inches long. Price: Pkt., 5c; Oz., 10c; ¼ lb., 25c; 1 lb., 75c.

SEVEN TOP—Grown only for the tops, which are used for greens or salad in the South. Price: Pkt., 5c; Oz., 10c; ¼ lb., 25c; 1 lb., 75c.



Purple Top
White
Globe.



Ex. Early Purple Top.

RUTABAGA

AMERICAN YELLOW PURPLE TOP—The most satisfactory variety of Rutabaga to grow for either family use or stock feeding. Is very hardy and productive. Flesh yellow, solid and sweet. Price: Pkt., 5c; Oz., 10c; ¼ lb., 25c; 1 lb., 75c.

HERBS

SWEET, MEDICINAL AND POT HERBS

CULTURE—For early use sow seed in hotbed in March, or open ground in May, in rows one foot apart. Cover very lightly and thin out when large enough to six or eight inches in row. They should be cut on a dry day, before they come into full blossom. Tie in bunches and keep where they will dry quickly.

The varieties marked an asterisk (*) are hardy perennials. To preserve herbs properly, cut the stems and leaves just as the plant is coming into bloom, dry them in the shade, and when perfectly dry wrap them up in paper or store them away in a dry room, or rub the leaves to a powder, pack in bottles and cork tightly, and store them away, which will preserve them for any period.

ANISE—Seeds aromatic and carminative. Price: Pkt., 10c.

BALM—For balm tea or balm wine. Price: Pkt., 10c.

BASIL SWEET—For highly seasoned dishes, soups, etc. Price: Pkt., 10c.

BORAGE—Used as a salad. Price: Pkt., 10c; Oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.

***CATNIP, or CATMINT**—Leaves for seasoning. Price: Pkt., 10c.

***CARAWAY**—For flavoring bread. Price: Pkt., 10c.

CHERVIL, CURLED—Largely used in soup. Price: Pkt., 10c.

CORIANDER—For flavoring cakes, etc. Price: Pkt., 10c; Oz., 20c.

DILL—For flavoring pickles and as a condiment. Price: Pkt., 10c; Oz., 15c; ¼ lb., 40c; ½ lb., 65c; 1 lb., \$1.00.

***FENNEL**—Sweet—Used in sauce. Price: Pkt., 10c.

***HOARHOUND**—For cough remedies. Price: Pkt., 10c.

***LAVENDER**—Leaves for seasoning, dried flowers for perfuming. Price: Pkt., 10c.

MARJORAM—Sweet—Used like sage and thyme in seasoning. Price: Pkt., 10c.

***ROSEMARY**—Hardy, aromatic, evergreen shrub. Price: Pkt., 10c.

***SAGE**—Common—Price: Pkt., 10c; Oz., 15c; ¼ lb., 40c; ½ lb., 75c.

***SAVORY**—Summer—Thyme-like flavor. Price: Pkt., 10c.

***SORREL**—Broad-Leaved—For boiling "greens" or salad. Cook like spinach, or with it, one-third Sorrel. Price: Pkt., 10c; 1 Oz., 20c; ¼ lb., 50c; 1 lb., \$1.75.

***THYME**—Sweet—For seasoning soups, etc., also tea for nervous people. Price: Pkt., 10c.

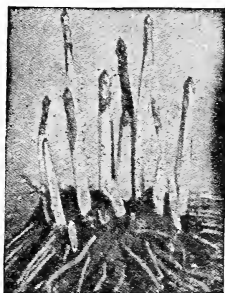
TARRAGON—(Estragon)—For flavoring. The young leaves are used for pickles, vinegar, etc. Price: Pkt., 10c.

***WOODRUFF**—Fragrant leaves and stems; used for putting among clothes. Price: Pkt., 10c.

***WORMWOOD**—Used medicinally and in liquors; a good tonic for poultry. Price: Pkt., 10c.

VEGETABLE PLANTS

Plants sent by express, purchaser paying charges.



ASPARAGUS ROOTS

CULTURE—The demand for Asparagus as an early Spring vegetable is becoming quite popular. An Asparagus bed intended for family use can be quickly established by the planting of roots which should be set out in the spring in rich soil. Dig a trench about 2 feet deep and 1½ feet wide, and fill in to about one foot from the surface with well-rotted manure. On this put about six inches of good garden soil and lay the roots 18 inches apart, then fill up, leaving the crown about 4 inches below the surface. Asparagus should not be cut until the second year.

Extra-choice Two-Year Roots

	Doz.	50	100	1000
Columbian Mammoth	\$.25	\$0.95	\$1.75	\$15.00
Palmetto .. . . .	.25	.95	1.75	15.00

(By Parcel Post, add 5c Doz. Postage.)



HORSERADISH SETS

HORSERADISH ROOTS—The soil should be very rich and well cultivated. Price: 12 for 20c; 4 doz. for 60c; 100 for \$1.00; 1000 for \$8.00.

(By Parcel Post, add 10c per 100 Postage.)

	25	50	100
Kohl-Rabi	\$0.30	\$0.50	\$0.90

(By Parcel Post, add 10c per 100.)

TOMATO PLANTS—We make a specialty of growing Tomato plants, and can furnish the following varieties after May 10 in fine, strong, stocky plants. Ready May and June.

(By Parcel Post, add 15c per 100 for Postage.)

	Doz.	4	8
Tomatoes—Ponderosa	\$0.20	\$0.75	\$1.25
Improved Excelsior .. . . .	.20	.75	1.25
Dwarf Champion .. . . .	.20	.75	1.25
Stone .. . . .	.20	.75	1.25
Beauty .. . . .	.20	.75	1.25

PEPPER—Ready for May and June.

(By Parcel Post, add 5c Doz. Postage.)

	Doz.	4	8
Pepper, Bell or Bull Nose	\$0.20	\$0.75	\$1.25
Chinese Giant .. . . .	.20	.75	1.25
Red Cayenne .. . . .	.20	.75	1.25

Sweet Potatoes, Red, Yellow 50 100 1000
and white, not less than..\$0.40 \$0.70 \$6.00
Ready May and June.

(By Parcel Post, add 15c per 100.)

CABBAGE PLANTS—Plants should be set about 2½ to 3 ft. apart each way. April and May delivery.

(By Parcel Post, add 10c per 100 for Postage.)

	25	50	100	1000
Wakefield	\$0.30	\$0.50	\$0.90	\$8.50
Copenhagen Mkt. . . . .	.30	.50	.90	8.50
All Season .. . . .	.30	.50	.90	8.50
St. L. Late Market .. . . .	.30	.50	.90	8.50

CAULIFLOWER PLANTS—April and May delivery. Plants should be set 2½ to 3 ft. apart each way.

Doz. 4 Doz. 8 Doz.

Cauliflower, Ea. Dwarf Erfurt	\$0.15	\$0.50	\$1.00
Ea. Snowball .. . . .	.15	.50	1.00

RHUBARB ROOTS

WHEN only a few plants are required, we would suggest the purchase of roots instead of seed. From our medium size or large clumps, Rhubarb stalks can be cut the following season. The growth of the plant is very rapid from these clumps. Transplant roots in Fall, or Spring, in highly manured soil, setting them 4 to 6 feet apart each way. Do not pull stalks until second year after transplanting roots.

	Each	Doz.	100
2-year-old	\$0.20	\$2.25	\$17.00

(By Parcel Post, add 5c Each.)

Grow Vegetables

Try Our Home Garden Collection, Page 1

STRAWBERRY PLANTS

(By Parcel Post, add 10c per 100 Postage.)

PLANTS READY MAY AND SEPTEMBER

SUMMER VARIETIES

Plants ready April 20th.

STRAWBERRIES—Will succeed in any soil adapted to ordinary farm garden crops; soil should be thoroughly prepared to a good depth, well drained and enriched. In field culture set the rows three feet apart, fifteen to eighteen inches in rows. For garden fifteen inches apart each way.

WARFIELD (Early)—Plant a vigorous grower, tough and hardy, and very productive. Fruit large, conical. Color dark glossy red; excellent flavor.

BUBACH (Medium)—Of large and uniform size, fine form and color, great vigor of plant and productive.

AROMA—Fruit very large, roundish, conical, rarely misshapen, glossy red, of excellent quality. One of the very best varieties.

Price of above 25 for 35c; 100 for \$1.00;
1000 for \$9.50.

EVERBEARING OR FALL VARIETIES

YOU can have strawberries just as easily in the fall as in the spring by planting the Americus, known as the fall-bearing varieties. They will produce heavy crops in the fall of as fine berries as any spring ripening strawberries.

AMERICUS—This is the most wonderful everbearing strawberry ever produced. A healthy and strong grower; very productive, from June until freezing weather; very drouth resistant; a better berry for a hot dry climate than any other variety. Size medium to large, very firm, uniform shape, bright red outside and inside. Has the native wild strawberry flavor. Succeeds well anywhere. Price: 25 for 75c; 100 for \$2.50 1000 for \$16.00.

FARM and FIELD SEEDS

"PURE AND SURE SEEDS"—BIGGER AND BETTER CROPS

MOST important to all who depend for their living on the products of the soil is **Selected Seeds**, that not only will germinate and are reliable, but that will produce bumper crops, that will fill the granary with fine high-priced wheat, and the corn bin full of this great product. "Pure and Sure" Seeds are the kind that produce the crops that mean great big profits from a small outlay of money. You cannot afford to waste your time planting cheap seeds when you look for results from your plantings. It is poor economy to plant untested seeds when for a little more you can have seeds of the highest quality and that is what you want. You can have confidence in the quality of our Pedigreed Seeds for we have made a specialty of farm seeds and the value of the same cannot be exaggerated. Let us know what you want in the line of field seeds, and we guarantee you quality that cannot be equaled for the price.

Bu.
56 Lbs.

ST. LOUIS SEED CO.'S SELECTED SEED CORN

Bu.
56 Lbs.

Extra charge for Bags; ½ bu. cotton, 10c; 1 bu. cotton, 20c; seamless bags, 40c.

GRADED SEED CORN

WE CAREFULLY grade all seed corn which we send out, removing the extreme tip and butt kernels so that it is readily planted with edge-dropping planters. But the grading is only a part of the labor which we give to the production of good seed corn. All varieties are carefully grown under the direct supervision of our company. It is gathered early and stored in our seed corn house, where every ear is carefully inspected by experts and only those absolutely true to type and of strong vitality are shelled for seed purposes. You cannot buy better seed in America, no matter what the price.

CHAMPION EARLY WHITE PEARL

(90 days)

THIS is the earliest snow white Dent corn.

Grown extensively by gardeners for roasting ears. It is an immense yielding variety and very uniform in shape, size, etc., and therefore its great market demand. The ears grow very large—the cob small, two great factors of profit in corn. Our selected seed of this variety is without equal anywhere and the many good reports about this variety have far exceeded our expectations. You cannot buy better seed corn at such a low price. Price: 5 lbs., 40c; 15 lbs., 75c; 25 lbs., \$1.00; 56 lbs. (1 bu.), \$2.00.

PRIDE OF THE NORTH

(90 days)

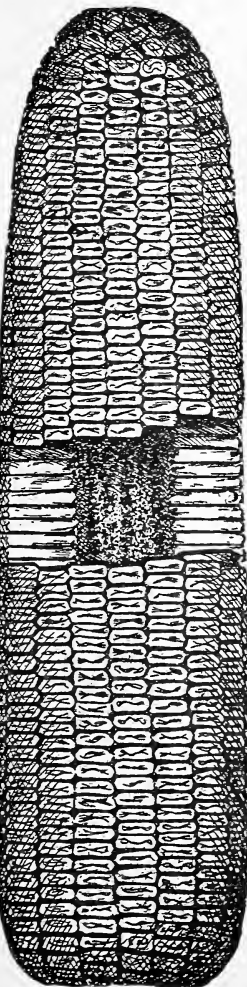
THE great favorite of the extreme Northern states and a most useful variety where a late planting is necessary. The ears run from seven to nine inches long, with small cob and deep kernels; ears usually contain from fourteen to eighteen rows; will ripen and mature anywhere in ninety days; can be planted as late as June 25th and make itself by September 10th. Good soil is capable of growing four to six stalks to the hill; many stalks have two ears and usually produce from forty to fifty bushels of good, sound corn per acre. Price: 5 lbs., 40c; 15 lbs., 75c; 25 lbs., \$1.00; 56 lbs. (1 bu.), \$2.00.

IOWA SILVER MINE

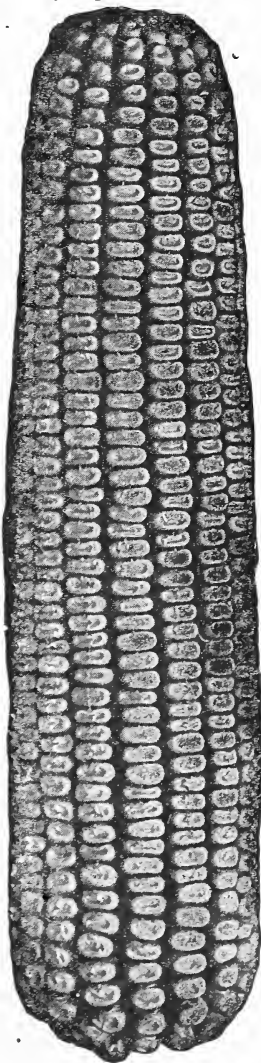
(Matures 100 days)

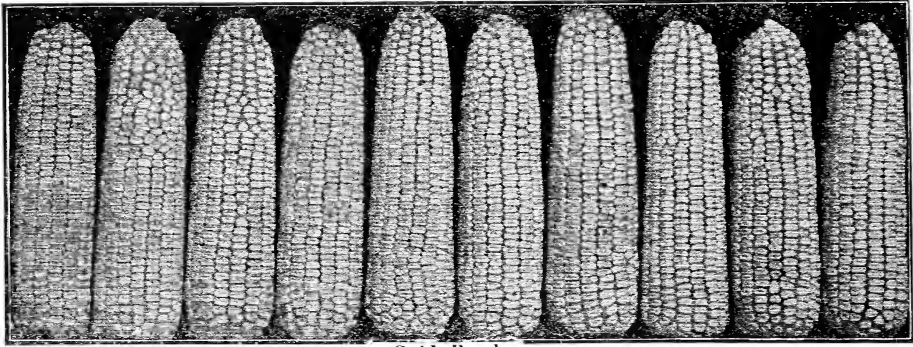
THIS is not a new variety, but is one of the best known sorts, and on account of its great popularity and the wonderful record it is noted for its great vitality to withstand and resist extreme conditions of weather, wet or dry; also hot weather, and makes good crops where other sorts wither, burn up and perish under hot winds and scorching sunshine. Each year we have grown this corn we have sought to select and improve it in every way possible, not so much to increase the size of the ears, but to increase uniformity of size and number of ears to the stalk and have thus eliminated all barren stalks, and brought it up to the highest standard of perfection, both in yield and early maturity.

Stalks grow 8 to 10 feet in height and ears set well down toward the ground. Price: 5 lbs., 40c; 15 lbs., 75c; 25 lbs., \$1.00; 56 lbs. (bu.), \$2.00.



Champion Early White Pearl.





Gold Bond.

GOLD BOND

IF ANY seed grain can truly be called pedigreed, the Gold Bond Field Corn is certainly entitled to be known as such, as its history dates many years back. It has been bred up and selected with painstaking care to what it is at the present time, one of the best varieties of yellow Corn grown. Ear medium in size, remarkably uniform, and of a bright yellow color, with solid, deep grain and small red cob. Has from 18 to 24 rows of kernels on the cob, 50 to 60 grains in the row.

You will be an enthusiastic booster of our Gold Bond once you have planted it. Price: 5 lbs., 50c; 15 lbs., 90c; 25 lbs., \$1.25; 56 lbs., (bu.), \$2.25.

BOONE COUNTY WHITE

(Matures 120 days)

BOONE COUNTY WHITE—Is a highly bred variety of white corn of extra large size, containing a high percentage of oil. It is late maturing, but with good long seasons and favorable conditions, it is a splendid yielder. In many places it is a great favorite. The ears are from 9 to 12 inches long, $7\frac{1}{2}$ to $8\frac{1}{2}$ inches in circumference, containing 18 to 24 rows. The cob is medium large and pure white in color. We supply only the very best quality seed, true to type in every way and this variety is well worth a trial. Price: 5 lbs., 40c; 15 lbs., 75c; 25 lbs., \$1.00; 56 lbs., (1 bu.), \$2.00.

ST. CHARLES WHITE, RED COB

(Matures 120 days)

THIS excellent variety was introduced in St. Charles County, Missouri, and is very popular with a large number of our customers, especially in that vicinity, where plantings are made every year. It is a very handsome, pure variety of white corn, set on a red cob, and the ears are usually 8 to 10 inches long, 16 to 18 rows of deep, broad kernels.

Our seed stock of this variety was grown from pure, genuine stock and can be relied upon to give the best possible results to be obtained from this variety. Price: 5 lbs., 40c; 15 lbs., 75c; 25 lbs., \$1.00; 56 lbs. (1 bu.), \$2.00.

POP CORN

POP CORN should be found in every garden and on every farm, especially if there are children in the home to enjoy it during the long Winter evenings. The constant demand for pop corn makes it a profitable crop.

WHITE RICE—Cultivated and used more than any other sort. Short ears, with four to six ears to the stalks, with long, pointed kernels. Very productive. The yield per acre is equal to any of the field dent varieties, as it can be planted much closer than common dent varieties of corn. Price: 1 bu., 25c; 5 lbs., \$1.00; 20 lbs., \$3.50.

ST. L. S. CO.'S WHITE STAR

Maturing in 110 days

THIS wonderful white dent corn is known, grown and more extensively planted than any White Corn ever introduced. It is adapted to a wide range of conditions and is a corn for the North, South, East and West, and a variety that always, everywhere gladdens the hearts of the farmers and fills his cribs at harvest time.

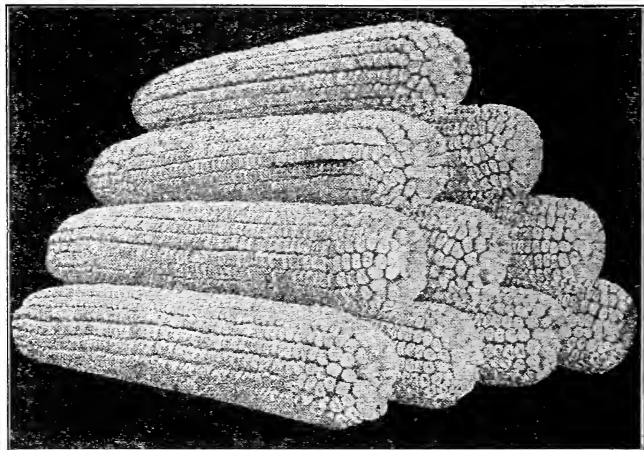
Our seed of this variety is the best we have ever had and we look for the demand to be greater than ever for our White Star. You cannot plant a better variety and you know that your order for this corn will be filled with the highest grade, selected, pedigreed seed corn, and at a price that is almost unbelievable. Price: 5 lbs., 50c; 15 lbs., 90c; 25 lbs., \$1.25; 56 lbs. (bu.), \$2.25.

REID'S YELLOW DENT

The Most Popular Yellow Dent Corn in the Great Central Corn Belt

(Matures 110 days)

IF ANY seed can truly be called pedigreed, the Reid's Yellow Dent Field Corn is certainly entitled to be known as such, as its history dates many years back. It has been bred up and selected with painstaking care to what it is at the present time one of the best varieties of yellow corn grown. Ear medium in size, remarkably uniform, and of a bright yellow color, with solid, deep grain and small red cob. Has from 18 to 24 rows of kernels on the cob, 50 to 60 grains in the row, and is well-filled over the ends, and especially the butt. Price: 5 lbs., 40c; 15 lbs., 75c; 25 lbs., \$1.00; 56 lbs., (bu.), \$2.00.



CLOVER SEED (Bu. 60 lbs.)

(Field Seeds by Parcel Post, See Inside Front Cover.)

Bags extra at cost. ½ Bu. cotton, 20c; seamless, 40c each.

ALL PRICES ON FIELD SEEDS ARE SUBJECT TO MARKET CHANGES. ALL ORDERS FILLED TO THE AMOUNT OF REMITTANCE AT MARKET PRICES WHEN ORDER IS RECEIVED.

CLOVER can be sown in the Spring, from February to April in this locality, varying earlier or later according to other latitudes. Excellent results can also be obtained from sowing it on late snows, as with the melting of these the seed soaks into the earth about the right distance. The Summer and early Fall sowing of clover is also giving most satisfactory results, and a full crop can be cut the succeeding year when this is done.

ALFALFA CLOVER, (Fancy)—The King of Forage Plants—Alfalfa is the corner-stone upon which is being built the prosperity of wide areas of our agricultural country—with its never-failing three and four crops of from five to six tons per acre. Price: lb., 40c; 5 lbs., \$1.75; 25 lbs., \$6.75; 60 lbs., \$15.60; 100 lbs., \$25.00.

ALSIKE CLOVER—This is one of the hardest varieties known. It is perennial and does not winterkill. It will do better on moist land than any other variety of Clover, and is suitable for either hay or pasture. Price: lb., 50c; 5 lbs., \$2.25; 25 lbs., \$7.50; 60 lbs., \$17.40; 100 lbs., \$28.00.

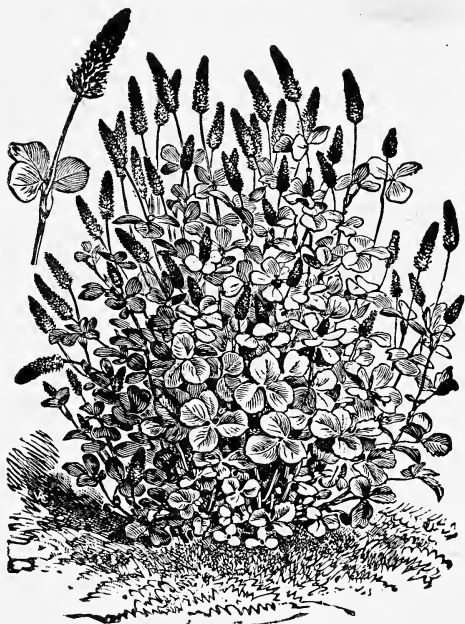
CRIMSON CLOVER—It can be seeded at any time from June to October, at the rate of fifteen to twenty pounds to the acre, and makes the earliest possible spring pasture. Price: lb., 30c; 5 lbs., \$1.25; 25 lbs., \$5.00; 60 lbs., \$11.40; 100 lbs., \$18.00.

RED CLOVER—This is regarded as the most valuable of the Clover family. It makes two crops each year. The first is usually cut when it is in blossom for hay; the last crop may be harvested for seed. Our strictly "Fancy Recleaned" grade cannot be surpassed by anyone. Price: lb., 50c; 5 lbs., \$2.25; 25 lbs., \$7.50; 60 lbs., \$17.40; 100 lbs., \$28.00.

MAMMOTH CLOVER—This is grown largely for pastures and to restore fertility to depleted soils. Price: lb., 50c; 5 lbs., \$2.25; 25 lbs., \$8.00; 60 lbs., \$18.60; 100 lbs., \$30.00.

SWEET CLOVER (Yellow Blossom)—Especially adapted to bees, the honey from it being as clear as a crystal. It is also recommended as a fertilizer. Price: lb., 30c; 5 lbs., \$1.25; 25 lbs., \$4.50; 60 lbs., \$10.20; 100 lbs., \$16.00.

SWEET CLOVER (White Blossom)—It is a biennial leguminous plant, tall, somewhat like coarse alfalfa, growing 8 to 10 feet high. Its blossoms, which rarely appear until the second year, are white and give a strong smell of honey. If not allowed to reseed, it will die out the second year. Price: lb., 30c; 5 lbs., \$1.25; 25 lbs., \$4.75; 60 lbs., \$10.80; 100 lbs., \$17.00.



Crimson Clover.

HUBAM CLOVER

(Annual White Sweet Clover)

HUBAM CLOVER is a variety of sweet clover. It makes about the same growth in one season that the ordinary sweet clovers do in two. With the exception of Hubam all the common clovers are biennial or two-year clovers. Hubam Clover continues its growth until it reaches a height of from 3 to 7 feet within 4 to 7 months from the time the seed is planted, matures its seed, and dies all within the one season. Through the use of Hubam Clover as a substitute for other clovers, one year can be saved in the ordinary farm rotation. Price: lb., \$1.50; 5 lbs., \$7.25. Write for prices on large lots.

WHITE DUTCH CLOVER

A LOW, close growing Clover; round, white heads very fragrant. Very desirable for beautifying the lawn. Price: lb., 90c; 5 lbs., \$4.25; 25 lbs., \$20.00.

BROOM CORN

STANDARD EVERGREEN BROOM CORN—Grows about eight to ten feet high, stands up well and is entirely free from crooked brush. Price: lb., 20c; 5 lbs., 75c; 25 lbs., \$3.75.

BARLEY

SPRING BARLEY—It can be grown on almost any kind of soil and produces a crop even on light soil which will not produce wheat or oats. Price: lb., 15c; 5 lbs., 50c; 25 lbs., \$1.25; 100 lbs., \$4.00.

BUCKWHEAT

COMMON—It is much more productive than any other and succeeds well almost any place. Price: lb., 15c; 5 lbs., 50c; 100 lbs., \$6.00.



FARM SEEDS—Continued

FARM SEEDS ARE SENT BY FREIGHT OR EXPRESS at customer's expense. We pack carefully and deliver to transportation company here, and always make shipment via best and quickest route.

Bags extra at cost—Cotton, Pk. size, 10c; $\frac{1}{2}$ Bu., 20c; 2 Bus., Seamless, 40c.

PRICES ON ALL FARM SEEDS ARE SUBJECT TO MARKET CHANGES.

CANE

EARLY AMBER—Farmers and stockmen say that Early Amber Cane is the most valuable fodder plant in existence. Not only is it adapted for feeding purposes, but it has great qualities as a Sorghum. Price: Ib., 10c; 5 lbs., 40c; 25 lbs., \$1.00; 100 lbs., \$3.00.

EARLY ORANGE—A variety well adapted for the South. It is from eight to ten days later than the Early Amber. Price: Ib., 10c; 5 lbs., 40c; 25 lbs., \$1.00; 100 lbs., \$3.00.

COW PEAS

In 100 pound lots, write for prices.

COW PEAS are very valuable for hay when cut and also a great soil enricher when plowed under. Cow Peas should be sown at the rate of 1 to $1\frac{1}{2}$ bu. per acre.

WHIPPOORWILL—This variety matures in about 70 days and is very largely grown as a soil improver and for pasturage. Trails very little and usually in bush form. It is the favorite bunch-growing variety; has brown speckled seeds. Price: Ib., 15c; 5 lbs., 50c; 25 lbs., \$2.00.

NEW ERA—This famous variety is grown extensively everywhere and is an early maturing variety of quick, upright growth. The vines make a splendid dry forage, cure easily, and produce a heavy yield of peas. Very valuable in sections where the season is short. Price: Ib., 15c; 5 lbs., 50c; 25 lbs., \$2.00.

MIXED—We always have a supply of mixed varieties; usually a little lower in price because of this but equally valuable for forage or for enriching the soil. Price: Ib., 15c; 5 lbs., 50c; 25 lbs., \$2.00. Write for prices on larger quantities.

KAFFIR CORN

ONE of the finest fodder plants, yielding two crops each season. Stalks grow to a height of five or six feet, each bearing numerous wide leaves. It is a wonderful yielder and one of the most profitable crops grown.

WHITE VARIETY—Price: Ib., 10c; 5 lbs., 40c; 25 lbs., \$1.00; 100 lbs., \$3.00.

MILLETS

(50 lbs., per Bushel.)

SIBERIAN—More productive than the German or Golden and of superior quality. Is superseding all other varieties in some sections. Price: Ib., 10c; 5 lbs., 40c; 25 lbs., \$1.10; 100 lbs., \$3.75.

GERMAN OR GOLDEN—It is a strong grower and will yield enormous crops of the finest hay, and should be cut before the seeds will harden. For hay, sow from May to August 1st. For grain, sow in drills not later than June 20th. Fancy—Price: Ib., 10c; 5 lbs., 40c; 25 lbs., \$1.10; 100 lbs., \$4.00.

SEED OATS

It Costs Less to Grow Good Oats than Poor Ones.

EARLY WHITE CHAMPION—This is a well-known and popular variety throughout the central states and northwest. It ripens early and yields abundant crop. It is a large, white oat, free from black kernels. In comparison with other sorts, one close observer has stated, "It has the plumpest kernel of any variety." Price: Bu., 90c; 10 Bu., 85c per Bu.

TRUE BLACK—They are preferred by those who have had experience with them principally on account of their superior yielding qualities, but besides being fully equal, if not better than white oats in point of feeding qualities, they possess another very valuable characteristic in the unequalled stiffness and strength of straw. Price: Bu., \$1.10; 10 Bu., 95c per Bu.

TEXAS RUSTPROOF—The ideal Rust Proof variety, grown extensively throughout the South, an immense yielder, a sure cropper. Price: Bu., \$1.10; 10 Bu., 95c per Bu.

WINTER TURF OATS—Sow in October or early November, make a good growth before Winter sets in, and can be relied upon to furnish the finest of green pasture all Winter through and a good crop of grain the next Spring. Write for price.

PEAS

CANADA FIELD PEAS—Valuable for northern climates, for cattle-feeding, especially for milch cows. This pea also makes fine ensilage and for plowing under as a green manure has no equal. Price: Ib., 20c; 5 lbs., 50c; 25 lbs., \$3.75; 100 lbs., \$12.00.

PEANUTS

PLANTED in April, they ripen in August, and planted as late as July 1st, they will mature full crops before frost. Price: Ib., 35c; 5 lbs., \$1.50; 25 lbs., \$6.50.

RAPE—DWARF ESSEX

As a forage plant for hogs, cattle or sheep it cannot be surpassed. No owner of stock can afford to be without this great forage crop. Price: Ib., 25c; 5 lbs., \$1.00; 25 lbs., \$4.50; 100 lbs., \$11.00.

RYE

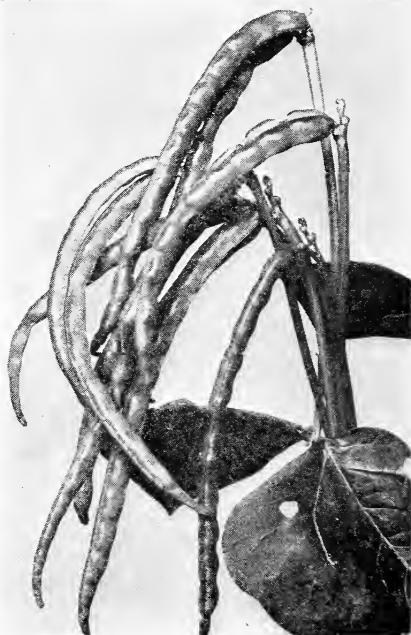
IF SOWN early in the spring it makes an early and abundant pasture. It is quite commonly employed recently and used with great profit as a catch crop where grain has been winter-killed. Sow $1\frac{1}{2}$ to 2 bushels to the acre. Price: Ib., 10c; 5 lbs., 40c; 25 lbs., \$1.25; 100 lbs., \$4.00.

SUNFLOWER

MAMMOTH RUSSIAN—Sunflower Seeds are superior for poultry (said to improve the meat). Price: Ib., 20c; 5 lbs., 75c; 25 lbs., \$3.25.

SOY BEANS

HAVE been grown successfully in all sections of this country, and by many farmers are preferred to Cow Peas, both for their larger yield of beans, and the fact that they are easier to gather. Price: Ib., 15c; 5 lbs., 50c; 25 lbs., \$2.00; 100 lbs., \$7.00.



GRASS SEEDS

In 500 pound lots, write for prices.

We desire to call particular attention to the fact that Grass Seeds are sold in the trade by sample, and each sort is divided into three or four grades of quality, according to purity, germination and weight. The price of the best grade is often double that of the ordinary. The Grass Seeds here offered by us are in every case the VERY HIGHEST GRADE.



Orchard Grass.



Timothy.

RED FESCUE—For meadows or pastures on dry, hard or sandy soils. It is very hardy. Price: lb., 75c; 5 lbs., \$3.60; 10 lbs., \$7.00.

RED TOP—A very hardy perennial grass, succeeding best on moist land. It accommodates itself to a variety of soils, however, even to quite dry situations, and stands our hot climate admirably. Fancy or solid seed. Price: lb., 45c; 5 lbs., \$2.00; 25 lbs., \$8.50; 100 lbs., \$32.00.

SUDAN GRASS is probably the wild original form of the cultivated sorghums. It is a tall annual grass, growing under favorable conditions to a height of 6 to 10 ft., but when broadcasted thickly, it grows from 3 to 5 feet. The stems are fine.

BERMUDA GRASS—Used extensively in the South for lawns, where other lawn grasses cannot be successfully grown. Sow seed in the Spring. Price: lb., 85c; 5 lbs., \$4.00.

CANADIAN BLUE GRASS (*Poa Compressa*)—Also called flat stemmed poa. Flat-stalked Meadow Grass; distinctly blue in color. Grows a foot or more high and yields a great weight of hay. Highly recommended for horses, cows and sheep. Thrives well on clay. Price: lb., 60c; 5 lbs., \$2.75; 25 lbs., \$12.50.

ENGLISH PERENNIAL RYE GRASS—(20 lbs., per bu.)—It is invaluable for perennial pastures, for hay if cut when in blossom. Price: lb., 25c, 5 lbs., \$1.15; 25 lbs., \$5.00; 100 lbs., \$17.00.

HARD FESCUE—Smaller and less vigorous growth than Sheep's Fescue. It suits sandy or dry hilly soils. Price: lb., 75c; 5 lbs., \$3.60.

ORCHARD GRASS (Rough Cock's Foot)—A, rather coarse perennial grass that forms dense tufts. Flourishes best in the shade. Price: lb., 40c; 5 lbs., \$1.75; 25 lbs., \$6.75; 100 lbs., \$26.00.

The grass cures easily, making hay of excellent quality, which is readily eaten by all kinds of livestock. It is considerably earlier than the earliest Amber Sorghum, and will probably mature as far north as the Canadian line. Price: lb., 25c; 5 lbs., \$1.00; 25 lbs., \$3.25; 100 lbs., \$10.00.

TIMOTHY—(45 lbs. per bu.)—The best of all grasses for hay. It should be cut when in blossom, in June or July. It is preferable to sow in the Fall, but we sell almost as much seed in the early Spring, and it is frequently sown then with equal success. Price: lb., 20c; 5 lbs., 75c; 25 lbs., \$2.75; 100 lbs., \$10.00.

PERMANENT PASTURE MIXTURES

FOR every different kind and condition of soil there are a large number of grasses which are especially suitable. Some sorts do best on high ground and in dry weather; others prefer plenty of moisture. Some mature so early and others so late that from the beginning of Spring until Winter sets in there is no time when one species or another is not at its best.

PASTURE MIXTURE "A"—Good Moist Soils. Sow 25 pounds per acre. This is intended for the average soil. Use more seed where land is dryer. If stock does not keep down to six or ten inches use the mower to do so. Do not pasture too closely. This is well suited for "patching" your present pasture by disking or harrowing in. Price: 5 lbs., \$2.25; 25 lbs., \$10.50; 100 lbs., \$40.00.

PASTURE MIXTURE "B"—Dry, Hilly Uplands. Sow fifteen to twenty pounds per acre. Recommended for rolling ground, or where stones or

sand in soil demand drought-resisting varieties. Plow or disk in where possible, and on unplowed, stumpy or stony ground brush thoroughly. Price: 5 lbs., \$2.25; 25 lbs., \$10.50; 100 lbs., \$40.00.

PASTURE MIXTURE "C"—Shaded Pastures. Sow 25 to 30 pounds per acre. This is especially planned to suit the woods, which is often waste except for its timber. Get the seed on and into the ground; do not leave on top of the leaves. The more open use the more seed. Price: 5 lbs., \$2.40; 25 lbs., \$11.00; 100 lbs., \$42.00.

LAWN GRASS MIXTURES

ST. L. CO.'S HAVALAWN

(Name is registered in U. S. Patent Office.)

IS PROCURABLE only from us. Every package bears our green label. No other is genuine, and we will prosecute all infringements. See page 2.

FANCY KENTUCKY BLUE GRASS

THIS famous grass is well-known in all sections. It generally grows well on any stiff or loamy soil fertile and well drained in Central and Northern States. Kentucky Blue Grass is at its best in the Spring and Fall months, but being rather sensitive to heat, does not grow luxuriantly during Summer. It takes a considerable time to get a good stand of this, as it grows very slowly at the start, but, when once established forms a close, compact turf, making a fine lawn. Price: lb., 75c; 3 lbs., \$2.15; 5 lbs., \$3.50; 10 lbs., \$7.00; 25 lbs., \$17.00.

ST. L. CO.'S SHADY LAWN MIXTURE

THIS mixture is intended for all situations that are in partial or complete shade, and will be found invaluable on grounds lying under the shadows of trees or buildings. In preparing such places for the reception of grass seeds it is well to use air-slacked lime quite liberally. This mixture is a combination of the fine dwarf-growing-evergreen varieties of grass, which grow naturally in the woods or in shaded spots. Sow thickly. Price: lb., 75c; 3 lbs., \$2.15; 10 lbs., \$7.00.

GOOD RESULT MIXTURE

THIS is intended for back yards, large playgrounds, etc., that are not intended to be kept cut as closely as other front lawns, and where grass is wanted quick to cover unsightly places. Price: lb., 50c; 3 lbs., \$1.45; 5 lbs., \$2.25; 10 lbs., \$4.25.

Complete list of lawn grasses on pages 2 and 3.



GENERAL LIST OF FLOWER SEED

ST. LOUIS SEED COMPANY'S

“PURE AND SURE” FLOWER SEEDS

SURROUND your house with flowers, the most refining and uplifting influence in the world. Nothing can add to the beauty of your home like a flower garden. Here you can spend many pleasant hours; it is an enjoyable task to plant them, watch them grow and pick them for ornaments.

Years of experimenting, testing and selection have made “Pure and Sure” Seeds the highest quality seeds that have ever been offered the lover of flowers. Everything that would aid in producing better seeds, more beautiful flowers, and finer, improved varieties, has been done and the acme of perfection has been reached in our “Pure and Sure” Flower Seeds.

To those who have never tried “Pure and Sure” Seeds, we request that you give them a trial. We know what the results will be and are confident that once you have tried them, you, like many others, will become a regular planter.

And as to price, let us merely remark that you can buy cheaper seeds, but it is impossible to buy better seeds. The final results are the only criterion of value in seeds, and the final results of “Pure and Sure” Seeds speak for themselves. A small trial order will convince you of the high quality and merits of our selected strains of Flower Seeds.

In presenting this list of Flower Seeds for your attention, every care has been taken to secure seeds from sources of supply known to us, and from our experiences to be of the highest possible merit. Our Flower Seeds are selected with an idea of superiority of strain, and we handle only the highest possible types in each respective class.

We mail all Flower Seeds POSTPAID to any Post Office in the United States.

The following abbreviations and designations will be of material aid in making selections:

1 designates **early**—blooming in Spring and early Summer.

2 designates **intermediate**—blooming in Midsummer.

3 designates **late**—blooming in late Summer and Autumn.

A represents **Annual**—lasting but one year.

E represents **Evergreen**—retaining foliage the entire year.

B represents **Biennial**—lasting two years.

P represents **Perennial**—lasting three or more years.

G represents **greenhouse** plants.

Bu represents **bulbous** plant.

S represents **Shrubs**—plants of bushy habit.

As a large number of Biennials and Perennials, if sown early, flower the first season, this distinguishing mark (§) is affixed to such.

The hardiness is denoted by the following abbreviations, but it should be understood that this is intended to apply to the climate of the Middle States. Further north or south these designations apply only in a comparative way.

h represents **hardy**—plants for open border.

hh represents **half-hardy**—plants that require to be forwarded in pots or frames.

t represents **tender**—requiring protection.

GENERAL LIST OF FLOWER SEED

We mail all Flower Seeds POSTPAID to any Post Office in the United States.

ABRONIA UMBELLATA (Sand Verbena)

VERBENA-LIKE rose-colored flowers. Elegant trailing habit. 2; h. A. Price: Pkt., 10c.

ABUTILON (Flowering Maple)

A VERY ornamental pot plant. Handsome little bushes, covered with bell-shaped flowers in the daintiest and also strongest colors, dotted and veined. Bloom ready from seed the first Summer, 2-3; g. S; 4 ft. Mixed. Price: Pkt., 20c.

ACACIA

LOPHANTA—A beautiful shrub with graceful branches bearing racemes of fragrant yellow flowers. Soak seed in hot water, 1; g. P; 6 foot. Price: Pkt., 10c.

ACHILLEA (Milfoil or Yellow)

THE PEARL—One of the best hardy white perennials. Grows about two feet high, and from Spring till frost is covered with heads of purest white double flowers. A grand plant for cemetery decoration. Easily grown from seed, flowering the first season if sown early. Price: Pkt., 15c; 2 Pkts. for 25c.

ACONITUM (Monk's Hood, Wolfsbane)

NAPELLUS BLUE—A hardy perennial, growing in any good garden soil, producing long spikes of curiously-shaped blue flowers. Well adapted for planting among shrubbery or in shady corners of the garden; 3 to 5 feet. Price: Pkt., 10c.

ACROCLINIUM

A PRETTY everlasting, bearing graceful daisy-like flower, pretty bright rose with yellow center, which, when cut in the bud state, can be dried and used for winter bouquets. 18 in.; A. Double Mixed. Price: Pkt., 10c.



Ageratum Mexicanum

ADLUMIA

(Mountain Fringe or Allegheny Vine)

CIRRHOSE—A charming, hardy biennial climber. Feathery foliage, rose-colored flowers. 3. h. B. 15 feet. Price: Pkt., 10c.

ADONIS AESTIVALIS (Flos Adonis)

BEAUTIFUL dark scarlet flowers with light center. Of easy culture and showy. Fine cut foliage. A very pretty plant. 2-3 h. A; 1 foot. Price: Pkt., 10c.

AGERATUM (Floss Flower)

ONE of the very best bedding plants, being literally a sheet of bloom from early summer till frost. Unlike many bedding plants, their flowers are not liable to be spoiled by rain, nor do the colors fade out. The various blue varieties, are, without doubt, the most satisfactory bedding plants of this color for our trying climate. Easily raised from seed, which is usually started in a hotbed or window and transferred to the open ground in May. Can also be sown outdoors in May. A sowing in September will give plants to bloom all winter. Half-hardy annual.

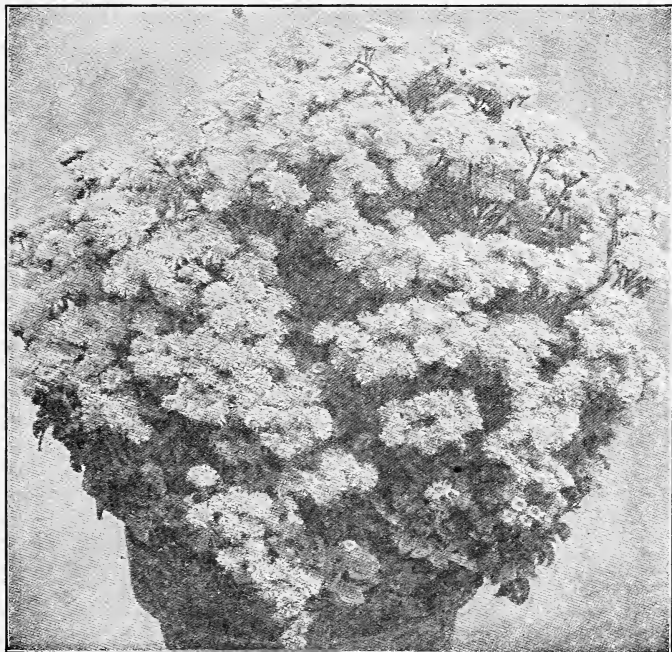
BLUE PERFECTION—This is the darkest colored of all large-flowering Ageratums. Color deep amethyst-blue: compact growth; fine bedder. Price: Pkt., 10c.

LITTLE BLUE STAR—A variety of exceedingly dwarf and even growth; the tiny bushes, not over 4 to 5 inches high, are densely covered with bright blue flowers; a fine variety for edging. Price: Pkt., 15c.

IMPERIAL DWARF BLUE—A handsome variety different from all other Tom Thumb sorts. The tiny bushy plants do not exceed 5 inches in height, with clusters of flowers of light blue, with a dark red center, changing to pure light blue. Price: Pkt., 10c; ½ Oz., 25c.

IMPERIAL DWARF WHITE—Like above, except in color. Price: Pkt., 10c.

MEXICANUM MIXED—Blue and white, good for cutting; 18 in. Price: Pkt., 5c; Oz., 35c.



Ageratum Blue Perfection



ALYSSUM (Annual)

THIS is one of the finest hardy annuals we have, and is beloved by many on account of its modest blossoms, very similar to white forget-me-nots. It is pleasantly fragrant, and just the thing for personal adornment or the breakfast table. It begins to blossom early in the season and blooms more or less constantly until Fall.

MARITIMUM (Sweet)—Of trailing habit; flowers white. Price: Pkt., 10c; ½ Oz., 25c.

CARPET OF SNOW—We know of no other white flower which is so particularly well adapted to borders, ribbons, etc., as our Carpet of Snow Alyssum. The plants commence to bloom when quite small, and will flower all Summer long, till late in the Fall. This habit, with its fragrance, makes it indispensable. h. A. Price: Pkt., 10c; ½ Oz., 35c.

LITTLE GEM—The best variety for bedding. Very dwarf and compact. Price: Pkt., 10c; ½ Oz., 35c.

ANCHUSA

(Dropmore Variety)

ITALICA—One of the finest hardy plants of recent introduction, remarkable for its free and continuous flowering and the beautiful gentian-blue color of its flowers; grows about five feet high, and should be in every hardy border. Price: Pkt., 10c.

ANEMONE (Windflower)

VERY pleasing perennial, producing large flowers; few plants compare with them in beauty; fine for bouquets. Sow outdoors in Spring, keeping shaded till the plants appear. P.

CORONARIA—Mixed colors. Price: Pkt., 10c.

ANTHEMIS

(Hardy Marguerite)

KELWAYI—A most satisfactory hardy perennial, bearing all Summer daisy-like golden-yellow blossoms; excellent for cutting; 2 ft. Price: Pkt., 10c.

ARABIS (Rock Cress)

ALPINA—A hardy perennial and one of the earliest and prettiest Spring flowers. The spreading tufts are covered with a sheet of pure white flowers as soon as the snow disappears. Unequaled for rockeries or edging; withstands the drought, and is always neat; 6 inches. Price: Pkt., 10c.

LILAC QUEEN—A distinct, new annual variety with pure lilac colored flowers. The plants are of dwarf, compact growth and are equally as useful for carpet bedding and edgings as the dwarf white varieties. Price: Pkt., 10c; 3 pkts. for 25c.

SAXATILE—Hardy. A grand new variety of exquisite coloring. This new variety forms a perfect little bush with miniature flowers in great masses, of a bright yellow. This species is a hardy perennial, but blooms the first season from seed if sown early, grows about 12 inches high. Price: Pkt., 10c.

ARCTOTIS GRANDIS

BLUE-EYED, or African Daisy. A remarkably handsome annual. It forms much-branched bushes 2 to 3 feet high; its flowers are large and showy, being pure white on the upper surface, the reverse of petals pale lilac-blue. There are few annual flowers grown in the garden more valuable for cut flower work than the Arctotis. It is easily grown from seed, and may be started in hotbed, in the house, or in the open ground, the seed germinating in about five days, and the plants may be expected to come into bloom early in July and continue until quite hard frost. It delights in a sunny situation. As a cut flower it is especially valuable, the blooms lasting a week or ten days in water, and if undeveloped buds are cut and placed in a sunny window, every one will open and produce as fine flowers as though left on the plant. Price: Pkt., 10c.

ASPARAGUS

PLUMOSUS NANUS. Probably the most popular house plant today. We sell thousands of florists who grow the pot plants. You can grow it for yourself and neighbors. The leaves are bright green, gracefully arched, surpassing Maidenhair Ferns in grace, delicacy of texture and richness of color. G. P. Price: Pkt., 10c.

SPRENGERI—Similar to Plumosus in coloring, only harder and more easily grown. 1 g. P. Price: Pkt., 10c.

AGROSTEMMA CORONARIA

(Rose Campion)

Exceedingly handsome and free-flowering. Red. h. P. 1½ feet. Price: Pkt., 10c.

AMARANTHUS

Beautiful colored foliage plants; succeeds best in sunny, dry locations.

TRI-COLOR (Joseph's Coat)—Makes a very pretty effect when used the same as Coleus. Keep it cut back to produce a symmetrical plant for edging; red, yellow and green; 2-3; t. A. 3 feet. Price: Pkt., 10c.

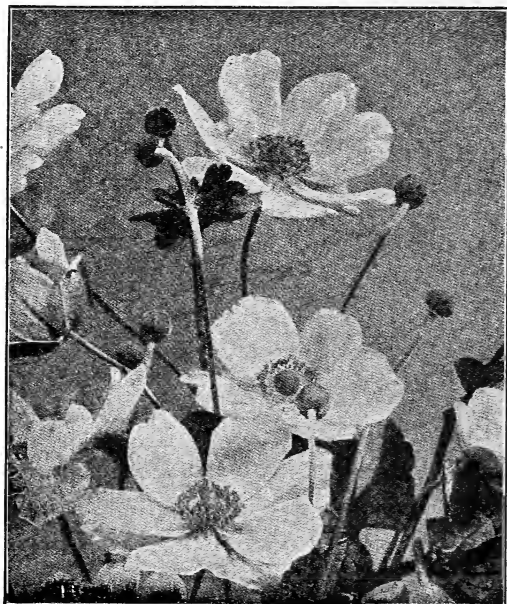
CHOICE MIXED Price: Pkt., 5c.

PRINCE'S FEATHER—Dark red feathery flowers. Price: Pkt., 10c.

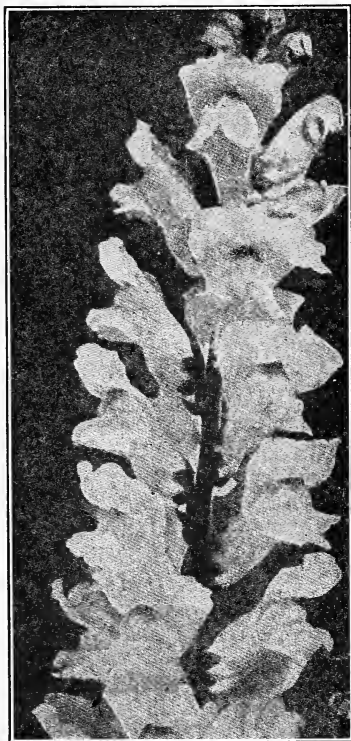
AMPELOPSIS

(Boston or Japan Ivy)

VEITCHII—Clings to the walls of wood, stone or brick. Dense foliage; glossy green, changing to red and yellow in Autumn. h. P. 40 feet. Price: Pkt., 10c.



Anemone.



Antirrhinum.

IMPROVED GIANT-FLOWERING TALL

THE varieties offered below are the best and most improved of the largest-flowering sorts. The blooms are double the size of the old varieties and for a select strain of this great favorite, plant our improved strain.

DOUBLE PINK—A new variety of great merit. A striking and lovely variety, soft, pink and the most pleasing and effective color. **Price: Pkt., 25c.**

GIANT VENUS—A delicate shade of pink. **Price: Pkt., 10c.**

GIANT PURPLE KING—The best Antirrhinum yet produced. It is of robust habit, the flowers being almost twice the size of any existing variety; the color is a deep, glowing purple, and they are borne in splendid spikes. Every garden should find a large planting of this beautiful variety. **Price: Pkt., 15c; 2 Pkts. for 25c.**

GIANT QUEEN VICTORIA—Very large flowers of a pure white color. **Price: Pkt., 10c.**

GIANT SILVER PINK—One of the most popular of all Snapdragons. An excellent sort for hothouse use. **Price: Pkt., 10c.**

	Pkt.		Pkt.
Giant Garnet	\$0.10	Giant Rose	\$0.10
Giant Scarlet .....	.10	Giant Yellow .....	.10
Giant Striped .....	.10	Giant Mixed...oz.	75c .10

TALL MIXED—A splendid mixture of many colors. **Price: Pkt., 5c; ½ oz., 25c.**

LARGE-FLOWERING HALF DWARF

A **SPLENDID** type, growing about 18 inches high, and far superior to the other tall varieties for bedding purposes. Spike and flowers of good size.

	Pkt.
Daphne—Soft blush pink	\$0.10
Defiance—Orange or russet red .....	.10
Golden Queen—Rich, pure yellow .....	.10
Crimson King—Rich, deep red .....	.10
Rose Queen—Rich rose .....	.10
The Bride—Pure White .....	.10
Half-Dwarf Mixed—All the colors	Oz., \$1.00 .10

AQUILEGIA

NO HARDY plant grown from seed is more easily handled than the Columbine.

Seed may be planted in the open ground early in Spring, and will, in the case of the single varieties, bloom the same season; or they may be planted in August or September, and will come up early in Spring and make vigorous plants, which will bloom abundantly during late Spring and early Summer. **H. P.**

CALIFORNICA HYBRIDS—Exquisite flowers, in yellow and orange shades, all with low spurs. **Price: Pkt., 10c.**

LONG-SPURRED HYBRIDS—This beautiful strain of Columbines comprises new and pleasing shades and combinations, ranging through all the shades of lavender, blue, mauve, white, yellow, orange, scarlet and bright rose-pink. The plants are perfectly hardy. **Price: Pkt., 10c.**

	Price Pkt.
CHRYSANTHA (Golden Spurred) —Golden-yellow	\$0.10
CANADENSIS —Scarlet and yellow .....	.10
FLABELLATA —Japan white .....	.10
COERULEA —Splendid light blue and white .....	.10
DOUBLE —All colors mixed	Oz., 50c .10
SINGLE —All colors mixed	Oz., 50c .10

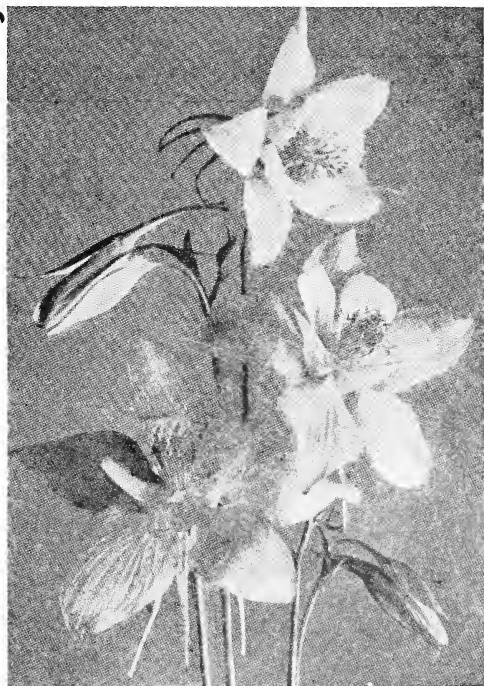
ANTIRRHINUM

Half Hardy Perennial Treated as an Annual.

ANTIRRHINUMS or Snapdragons have increased in popularity within the last few years until now, when used for cutting or grown in the garden for display, they rival even the sweet pea in beauty and gracefulness. They are one of the most valuable flowers that grow from seed.

Seed sown out of doors the first week of May will bloom early in July, remaining in full flower until November. For earlier flowering they may be started indoors or in a frame in March, transplanting them to the open when the weather is suitable.

Snapdragons thrive best in positions partly shaded from the sun. It reproduces itself freely from seeds which ripen in abundance and may frequently be seen growing scattered throughout the garden.



Aquilegia.

ASTERS

Choicest Varieties for Summer Flowering

ASTERS will thrive in any good soil, prepared in the same way as you would for a crop of vegetables, but it is well to remember that any extra care taken in the preparation of the soil is repaid by finer plants, larger blooms, with longer stems and more profuse flowering. They should have an open, sunny position, and prefer a good, heavy, loamy soil. For early flowering, seeds should be started in a sunny window, hotbed or coldframe in April and transferred to their place in the garden as soon as danger of frost has gone by. For August (midseason) and September (late) sow seeds outside in finely prepared ground in May, thinning out to one foot in the rows and two feet between. With the above prescribed treatment and frequent cultivation of plants to insure a steady growth until flowering, excellent large blooms with long stems can be obtained.

EXTRA EARLY PERFECTION ASTER

EXTRA EARLY PERFECTION ASTERS are earlier than Queen of the Market. The stems are more slender and the flowers are much more decorative in character.

The plants form strong, branching bushes, 2 to 2½ feet high, bearing on long, strong stems their handsome Chrysanthemum-like flowers, which, under ordinary cultivation, averages over 5 inches across. The form of the flowers, together with the length of the stems, places them at the head of Asters for cutting. They come into bloom from two to three weeks after the average type, usually being at their best during September, and filling in the gap between the general run of Asters and Chrysanthemums.

Price		Price	
Pkt.	¼ Oz.	Pkt.	¼ Oz.
Rose	\$0.10 \$0.50	Dark Blue	\$0.10 \$0.50
White .....	.10 .50	Finest Mixed .....	.10 .50

EARLY AMERICAN BEAUTY ASTER

THIS is the original of the Beauty Type. Plants about 2 to 3 feet high, of branching habit, commencing to bloom in early September and lasting until destroyed by frost. Flowers large, borne on long, stout stems from 18 to 24 inches. This applies to all the Beauty class, making them most desirable for cut flowers.

BEAUTY CARMINE ROSE—Commenced to bloom August 4th, bloomed continually until middle of November. Price: Pkt., 15c.

BEAUTY PURPLE—Commenced to bloom August 2nd, bloomed continually until the end of November. Price: Pkt., 15c.

SEPTEMBER BEAUTY—Commenced to bloom July 30th, bloomed continually until middle of November. Price: Pkt., 15c.

IMPR. GIANT CREGO ASTERS

WE CONSIDER this one of the finest and largest of all Asters, bearing immense fluffy flowers five inches and over in diameter, as fine as any Chrysanthemum, and when cut keep in good condition longer than any other of this type. We offer eight colors, viz:

	Pkt.		Pkt.
Crimson	\$0.10	Pink . . . . .	.10
White . . . . .	.10	Shell Pink . . . . .	.10
Azure Blue . . . . .	.10	Lavender . . . . .	.10
Purple—Bright . . . . .	.10		.10
Rose—Rich deep rose . . . . .	.10		
Mixed	½ oz., 75c		.10

QUEEN OF THE MARKET ASTER

AN EXTRA EARLY variety, bearing large double flowers; plants of branching habit, having long stems, 2 feet.

	Pkt.		Pkt.
White	\$0.10	Crimson	\$0.10
Lavender .....	.10	Blush Pink .....	.10
Light Blue .....	.10	Purple .....	.10
Dark Blue .....	.10	Rose .....	.10
Mixed		1/2 oz., 75c	.10



American Beauty Aster.

ST. L. S. CO. NOVELTY MIXED ASTERS

THIS superb mixture is composed of all new novelties of recent introduction. The plants form strong, branching bushes, 2 to 2½ feet high, bearing on long, strong stems their handsome Chrysanthemum-like flowers. Price: Pkt., 15c; 2 pkts. for 25c.

GIANT COMET ASTERS

FLOWERS of immense size, often 6 inches across, composed of long, wavy, twisted petals, gracefully formed into loose, yet densely double half-globes. Each plant bears 15 to 20 flowers on very long stems, making them especially valuable for cutting.

	Pkt.		Pkt.
White	\$0.10	Dark Blue	\$0.10
Rose .....	.10	Crimson .....	.10
Light Blue .....	.10	Lavender .....	.10
Royal Purple .....	.10	Shell Pink .....	.10
Rose Pink .....	.10	Mixed ½ oz., 75c .....	.10

ST. L. S. CO.'S LATE BRANCHING ASTER

THE superb strain, of American origin and especially adapted to our climatic conditions, now one of our leading specialties, extraordinary care being given each season to the selection of the very finest specimens for stock seed.

The plants form strong, branching bushes, 2 to 2½ feet high, bearing on long, strong stems their handsome Chrysanthemum-like flowers.

	Pkt.		Pkt.
Pure White	\$0.10	Flesh Pink	\$0.10
Rose Pink .....	.10	Lavender .....	.10
Rose .....	.10	Crimson .....	.10
Purple .....	.10	Peach Blossoms .....	.10
Mixed	Pkt., 10c; ½ oz., 75c.		

ROYAL ASTERS

A BEAUTIFUL class and the best of the early Mid-Season Asters. The plants are of branching habit, about 2 feet high; the flowers being larger, very double, and the stems are longer, stronger and more upright in growth. The petals are broad and incurved or shell-shaped, giving the flower a charming and distinctive effect. They are vigorous and sturdy growers, branching from the base of the plants. Although early—Mid-Season Asters—they remain in flower a long time; the flowers being of splendid substance; splendid cut flower type.



St. L. S. Co.'s Late Branching Aster.

White	\$0.10
Lavender .....	.10
Shell Pink .....	.10
Purple .....	.10
Rose Pink .....	.10
Mixed .....	.10

CHRYSANTHEMUM-FLOWERED ASTERS

BUSHY plants, bearing large perfectly double flowers, fine for either gardens or pot culture. Finest Mixed Colors. Price: Pkt., 5c; oz., 75c.

HARDY PERENNIAL ASTER

MIXED (Michaelmas Daisies)—Single fall - flowering, hardy herbaceous plants, thriving in any good garden soil. If sown early they will flower the first season; 3 ft. Price: Pkt., 10c.

CHINA ASTERS

SINGLE MIXED—A fine mixture of this popular flower. Price: Pkt., 5c.

ASTERMUM

A STRAIN of Comet Asters which on account of their immense size and Chrysanthemum-like appearance have been appropriately named Astermums. They attracted great attention when they were first exhibited three years ago and have become increasingly popular ever since.

The plants grow about three feet high with strong stems and few of the flowers are less than five inches in diameter. Price: White, 10c; Rose Pink, 10c; Lavender, 10c; Mixed, 10c; ½ oz., 75c.



Balsam

BRACHYCOME (Swan River Daisy)

IBERIDIFOLIA MIXED—Very effective in edgings, beds, and rustic baskets. Good for house culture in winter. Always in full bloom. hh. A. Price: Pkt., 10c.

BLEEDING HEART—See Dielytra. Page 47.

BEGONIA

A BEAUTIFUL flower of various colors. Blooms in constant profusion from early Summer until late Fall, and an excellent plant for Winter blooming. T. P.

PRIMA DONNA—Limpid rose, shading to carmine at the center; everblooming. Price: Pkt., 15c.

GLOIRE de CHATELAINE—A beautiful large flowering everblooming variety of a lovely soft rose-pink. Price: Pkt., 15c.

ERFORDIA—As pot plants for Winter flowering they are superb, remaining a sheet of bloom throughout the entire year. Easily raised from seed, which should be started either indoors or in a hotbed. Price: Pkt., 15c; 2 for 25c.

LUMINOSA—Brilliant, fiery dark scarlet; very bright. Price: Pkt., 15c; 2 for 25c.

DWARF VERNON—Bright orange-carmine flowers, deep red foliage. Price: Pkt., 15c; 2 for 25c.

FINE MIXED—Similar to above, mixed. Price: Pkt., 10c.

CACALIA (Tassel Flower)

A PRETTY free-blooming plant with tassel-shaped flowers, also called Devil's Paint Brush. Of easy growth; annual; 18 inches. Price: Pkt., 10c.

CALENDULA H. A.

LARGE double flowers, blooming all Summer, closing somewhat at night and opening slightly on cloudy days; flowers borne on long, stiff stems. 2 ft.

LEMON QUEEN—Very large and extremely double flowers of a pleasing rich lemon-yellow, dark eye. Price: Pkt., 10c.

PRINCE OF ORANGE—Golden yellow. Price: Pkt., 10c.

ORANGE KING—Very large double orange-red. Price: Pkt., 10c.

METEOR—Creamy center, edged with orange. Price: Pkt., 10c.

NANKEN—A very distinct variety, the double flowers of a creamy-yellow, slightly flushed apricot, dark brown eye. Price: Pkt., 10c.

DOUBLE MIXED—Price: Pkt., 5c; ½ oz., 25c.

BALLOON VINE (Love-in-a-Puff)

A RAPID growing annual climber; succeeds best in light soil and warm situation; flowers white; seed vessels look like minature balloons. 5 to 10 feet. hh. A. Price Pkt., 5c.

BALSAM (Lady Slipper)

AN OLD favorite garden flower, producing its gorgeous masses of beautiful, brilliant-colored double flowers in the greatest profusion; of easiest culture; succeeds in a good, rich soil. Tender annuals. 2 feet.

CAMELLIA FLOWERING DOUBLE—The flowers are very large, measuring from two to three inches in diameter, of perfect form, resembling the flower of the Camellia, and are as double, in fact, the petals are so densely produced that the yield of seed is extremely small, one single plant often producing not more than five seeds.

	Pkt.		Pkt.
White	.....\$0.10	Salmon Rose	.....\$0.10
Light Pink	..... .10	Rose King	..... .10
Scarlet	..... .10	Mixed	..... .10

Rose Flowering—Double Mixed, 5c; oz., 35c.

APPLE—A beautiful climbing plant; handsome apple-shaped fruits. Makes dense shade. The fruits preserved in alcohol make a useful liniment. hh. A. 15 to 20 feet.

Price: Pkt., 5c.

PEAR—Fruits are smaller than the apple. Price: Pkt., 5c.

BELLIS-PERENNIS OR DOUBLE DAISY

GREATLY improved varieties of the popular "Double Daisies." Admirably adapted for edgings, borders and low beds, and also well suited for growing in pots. Although perennials, they will flower the same season if the seed is sown early, though it is preferable to sow in fall, and winter the plants in cold frames. Height, 6 inches.

LONGFELLOW, ROSE—Extra large double rose-pink flowers. Price: Pkt., 10c.

SNOWBAL, WHITE—Unusually large very double, pure white flowers. Price: Pkt., 10c.

DOUBLE, MIXED COLORS—Price: Pkt., 10c.

SHASTA DAISY—See Chrysanthemum Leucanthemum. Page 45.

DAISY AFRICAN GOLDEN—See Dimorphotheca. Page 47.

BEAN, SCARLET RUNNER

A GREAT favorite in England and Europe, not only as an ornamental climber, but for the delicious edible beans. Price: Pkt., 10c; ½ lb., 25c; 1 lb., 45c.



Calendula

CALCEOLARIA

COLORS—Yellow, maroon, white, etc., spotted and blotched in the most unique fashion. 1½ feet. Large flowered. Mixed. **Price:** Pkt., 25c.

CALLIOPSIS

ONE of the most showy flowers, very easily grown; will thrive almost anywhere without trouble or care. A favorite for the home yard or lawn. **h. A.**

CRIMSON KING—A fine dwarf sort, 9 inches high; color rich velvety crimson-garnet. **Price:** Pkt., 10c.

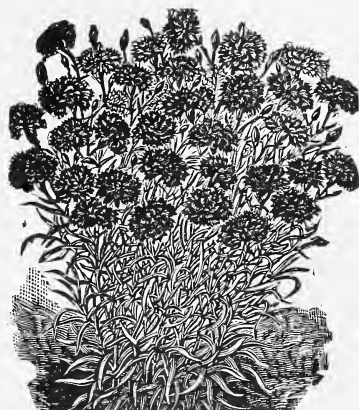
CROWN OF GOLD—Large, rich, golden-yellow, 18 inches. **Price:** Pkt., 10c.

DRUMMONDI—Rich golden yellow. **Price:** Pkt., 10c.

GOLDEN RAY—Dwarf, compact plants, not over 9 inches high, covered with flowers of rich maroon, edged with golden yellow and having twisted petals like a Cactus Dahlia. **Price:** Pkt., 10c.

SUPERB HYBRIDS, MIXED—Unlike other varieties, this is a fine bedding plant, besides being useful for bouquets. The colors are richer and more varied. About 14 inches. **Price:** Pkt., 10c.

TALL MIXED—Valuable for mixed beds and borders. About 1 ft. **Price:** Pkt., 5c; ½ oz., 25c.



CANNA *h. A.*

CANNAS are famous for their luxuriant growth and immense Gladiolus-like flowers of most brilliant colors; their profusion and continuity of bloom under all climates and conditions render them easily the most useful, showy and universally popular garden plants grown. Mixed. **Price:** Pkt., 10c.

CANARY-BIRD VINE

(*Tropaeolum Canariense.*)

A BEAUTIFUL rapid annual climber, the charming little canary-colored blossoms bearing a fancied resemblance to a bird with its wings half expanded. **Price:** Pkt., 10c.

CANDYTUFT (*Iberis*)

THE Candytuft is almost as fragrant as the sweet Alyssum and very popular. Very useful as a bedding plant or for border work. Sow outdoors in April, where they are to bloom, and thin well when the plants grow about 1 inch. Sow also in July for fall blooming. Where grown in rows best results for cut-flowers can be obtained only by giving the plants at least a foot apart in the rows and 1½ feet between the rows. **h. A.**

EMPRESS—The best pure white and the best for cut flowers; fragrant. **Price:** Pkt., 10c; ½ oz., 25c.

GIANT HYACINTH-FLOWERED—As the result of extra care and painstaking selection this is now the finest of all the white varieties, being a complete mass of pure white flowers, in a pyramid of bloom. **Price:** Pkt., 10c.

	Pkt.		Pkt.
Umbellata Carmine	...\$0.10	Umbellata Lavender	...\$0.10
"Crimson	... .10	"Rose Cardinal	... .10

MIXED—**Price:** Pkt., 5c; ½ oz., 25c.

(Hardy Candytuft)

GIBRALTARICA HYBRIDA—White flowers, shading to lilac. **Price:** Pkt., 10c.

SEMPERVIRENS—A profuse, white-blooming, hardy perennial coming in flower early in the spring; much used for cemeteries, rockeries, etc. 1 foot. **Price:** Pkt., 10c.

CARNATIONS *h. H. P.*

CARNATIONS are general favorites for their delicious fragrance and richness of colors. The Marguerite and Chabaud's types are the best for summer flowering.

CHABAUD'S EVER-BLOOMING MIXED—Resembles the Marguerite Carnation, but is perpetual growing or perennial. Exquisite colors, large flowers. **Price:** Pkt., 20c.

GIANT-FLOWERING MARGUERITE MALMAISON—The flowers of this wonderful strain often measure 3 inches across. Includes white, blush, deep pink, salmon, carmine, scarlet, dark crimson, maroon, and many beautiful variegated flowers. **Price:** Pkt., 15c.

	Pkt.		Pkt.
Marguerite Pink	...\$0.10	Marguerite Red	... .10
Marguerite White	... .10	Marguerite Yellow	... .10

MARGUERITE MIXED—These beautiful Carnations succeed in any good situation. Exquisite in color. **Price:** Pkt., 10c; ¼ oz., 35c.



Calliopsis.

CARDINAL CLIMBER

WE CONSIDER it the most beautiful and brilliant annual climber ever sent out. It is a strong and rapid grower, attaining a height of 30 feet or more, with beautiful fern-like, lacinated foliage and literally covered with a blaze of circular fiery cardinal-red flowers from mid-Summer till frost. The flowers are about 1½ inches in diameter, and are borne in clusters of 5 to 7 blooms each. Price: Pkt., 15c; 2 pkts. for 25c.

CENTAUREA

(Corn Flower, or Bachelor's Button)

THIS favorite, old-time flower is also known as Ragged Sailor, Blue Bottle, etc. It is a free flowering bloomer, very showy, growing from 2 to 3 feet high and is largely used for cut flowers. It grows in any soil and almost equals the Aster popularity. h. A.

CYANUS SINGLE BLUE—Rich, deep blue, 1½ feet. Price: Pkt., 10c.

CYANUS SINGLE MIXED—Contains all the popular colors. 1½ feet. Price: Pkt., 5c; ½ oz., 25c.

CYANUS DOUBLE MIXED—A much better strain than the above. Bunch this with Sweet Peas and it makes a pretty combination. Price: Pkt., 10c.

DOUBLE BLUE—This was introduced in 1907, and is now a standard variety and largely used by the commercial florist, who quickly recognized its value as a cut flower. Price: Pkt., 10c.

DOUBLE ROSE PINK—A splendid variety for cutting, color clear rose-pink. Price: Pkt., 10c.

MOSCHATA, or SWEET SULTAN—A beautiful new variety, similar to Marguerite, producing freely large, graceful, fragrant flowers on long stems; height about 1½ feet. Price: Pkt., 10c.

IMPERIALIS (Giant Royal Sweet Sultans)—This is a new type of annual Centaurea. Bushes are from 3 to 4 feet in height, flowers are finely fringed, soft and feathery, and frequently 3 inches across. Fine for cutting and of a strong, hardy constitution. Mixed, all colors. Price: Pkt., 10c.

ODORATO MARGUERITE—Distinct from all other varieties. Flowers pure white; exceedingly fragrant; long stems. The centers are full and double. Grows quite bushy and of the easiest culture. Price: Pkt., 10c.

CANDIDISSIMA—Ornamental Leaved Centaurea (Dusty Miller)—For bedding, hanging baskets and pots and for edging of beds where white basket foliage is desired. Easily raised from seed. Silvery white, finely cut leaves. 1 foot. Price: Pkt., 10c.

GYMNOCARPA—Leaves not so white as the above. 1½ feet. Price: Pkt., 10c.



Centaurea



Cardinal Climber

CINERARIA

MAGNIFICENT flowering plants for Spring decorations for the conservatory or window garden. The flowers measure 2 to 3 inches across, are of white, blue, violet and crimson shades; usually two or more colors are shown in one flower, covering the plant with a sheet of blooms. H. H. P.

GIANT PRIZE—Our best. Price: Pkt., 20c.

HYBRIDA GR. FL. STELLA (Star Cineraria)—A charming variety, with large spreading panicles of starry flowers in the same variety of colors as the ordinary Cineraria; the extreme grace and elegance of the plant and flowers make them wonderfully effective for the decoration of the house and conservatory and especially so for church decoration; also useful for cutting. Price: Pkt., 15c.

CHRYSANTHEMUMS

This seed will produce Blooming Plants the First Season.

THE real beauty of these Royal Flowers of the Orient is well known. There are many people, however, who do not realize how easily they may be grown from seed, and that all of the magnificent new varieties were raised from hybridized seed, similar to that which we are now offering. H. A.

BRIDAL ROBE—Of very compact and upright habit; 10 inches in height; the sturdy plants throw out their finely feathered foliage from the base and deck themselves with a mantle of extra double pure white flowers. **Price: Pkt. 15c.**

CORONARIUM—One of the latest introductions in the Chrysanthemum world. Owing to its magnificent golden yellow and white shades, it is fast becoming a florist favorite. **Pkt. 10c.**

Coronarium Dble. White \$0.10
 " " **Yellow**10
 " " **Mixed**10

ECLIPSE—Yellow with dark brown disk. **Price: Pkt., 10c.**
MAXIMUM KING EDWARD VII (Moonpenny Daisy)—Considered the finest of all, with flowers of extraordinary size, or purest white, perfect form, and exceedingly free-flowering. A splendid addition to this useful hardy perennial. **Price: Pkt., 10c.**

LEUCANTHEMUM (Shasta Daisies)—A splendid hardy perennial variety, with flowers rarely less than 5 inches across, of the purest glistening white, with broad, overlapping petals, and borne on long, strong stems; a beautiful cut flower, remaining in good condition a week or more. **Price: Pkt., 10c.**

CLARKIA

THIS pretty and easily grown annual has been much improved in recent years, growing 2 to 2½ feet high, with leafy racemes of double flowers. **Price: Pkt., 10c.**

CLIMBERS, RAPID MIXTURE

THIS mixture contains flowers of gigantic size, and the colorings and markings beyond description. The seed we offer is of our own importation direct from Japan, and embraces all varieties, which are really the most handsome, semi-doubles, quilled and frilled, crimped and scalloped, and double. A. **Price: Pkt., 10c; oz., 50c.**



Coreopsis



Shasta Daisy

CLEMATIS

JACKMANII HYBRIDS—The best known and most valued variety. A great variety of colors. Hardy. **Price: Pkt., 10c.**

PANICULATA (Climbing)—15 ft. Fall-flowering vine with white flowers. For plants see Climbing Vines. **Price: Pkt., 10c.**

CLEOME (Giant Spider Plant)

LARGE spikes of rosy carmine flowers. Large bushy plants; 3 to 4 feet high. H. A.

GIGANTEA—The finest strain. **Price: Pkt., 10c.**

COLEUS

COLEUS grown from seed make very thrifty plants the first season. For sub-tropical groups the endless variety and combinations of brilliant colors are very captivating. T. P. **Price: Pkt., 20c.**

CONVALLARIA (Lily of the Valley)

THIS is often starved and neglected, and relegated to some poor, out-of-the-way corner; but this popular and fragrant subject, like most other plants, repays for being well treated. **Price: Pkt., 10c.**

COBÆA (Cup and Saucer Vine)

A CLIMBER of rapid growth, attaining a height of 30 to 50 feet during the season; valuable for covering trellises, arbors, trunks of trees, etc.; will cling to any rough surface.

SCANDENS, BLUE—Large, bell-shaped purple flowers. **Price: Pkt., 10c.**

SCANDENS, WHITE—Pure white. **Price: Pkt., 10c.**

COREOPSIS

LANCEOLATA GR. FL.—One of the finest hardy garden plants grown, forming large clumps 2 to 3 feet high, and increasing in beauty, luxuriance and floriferousness each year, though it flowers the first season from seed sown early, producing immense, long-stemmed, rich yellow flowers, shaded with orange, flowering in profusion for a long period during the Summer; unequaled for cutting; grows anywhere. **Price: Pkt., 10c; ½ oz., 35c.**

COTTON

GROWN extensively for decorating purposes. Very showy and attractive. **Price: Pkt., 10c; oz., 20c.**

CUPHEA (Cigar Plant)

A VERY pretty border plant. Very showy for borders and bedding. Dwarf habits. H. H. P.

PLATYCENTRA—A favorite Cuphea. **Price: Pkt., 10c.**



Cosmos

DOUBLE COSMOS

THESE new hybrids form bushy plants 5 to 6 feet high and flower profusely during the Autumn months. Only 40 to 50 per cent of the plants will bear double flowers, the balance producing large single blossoms, the reason being that the double flowers are pistillate—having no stamens and consequently bear no pollen—so to produce seed must depend upon staminate singles for pollination. The progeny therefore comes about half doubles and half singles. Double Cosmos flowers aside from their novelty and beauty are of lasting substance, both on the plants and as cut flowers.

PINK BEAUTY	Price:	Pkt., 10c.
WHITE QUEEN	Price:	Pkt., 10c.
CRIMSON KING	Price:	Pkt., 10c.
Mixed	Price:	Pkt., 10c.

CYPRESS VINE

ONE of the most popular vines, with very delicate fern-like foliage, and masses of beautiful, small, star-shaped flowers. Sow in May, first soaking the seeds in warm water for a few hours. 15 feet.

Scarlet	Oz.	25	Pkt. \$0.10
White	"	25	.10
Mixed—White and scarlet ..	"	20	.05

CYPERUS (Umbrella Plant)

ALTERNIFOLIUS—An excellent plant for growing in water and damp places; makes a very ornamental house plant, always presenting a green and attractive appearance. Price: Pkt., 10c.

COSMOS

THIS beautiful annual is one of the most showy and useful of our garden plants. Plants grow from 4 to 6 feet in height, and are very bushy and compact. Flowers borne on long delicate stems and are similar to single dahlias. Foliage very finely cut. Excellent for cutting.

MAMMOTH EARLY

THE long-stemmed flowers are of immense size, frequently measuring 5 inches across. The petals are broadly oval and overlap, forming a circular flower of perfect symmetry, having splendid substance and lasting qualities.

	Pkt.		Pkt.
Crimson	\$0.10	Pink	\$0.10
White .....	.10	Mixed .....	.10

HYBRIDA FINEST MIXED—Seed if sown in March and April will flower during July. Our seed is all grown from our special strain. 4 ft. Price: Pkt., 5c; ½ oz., 25c.

GIANT FLOWERING

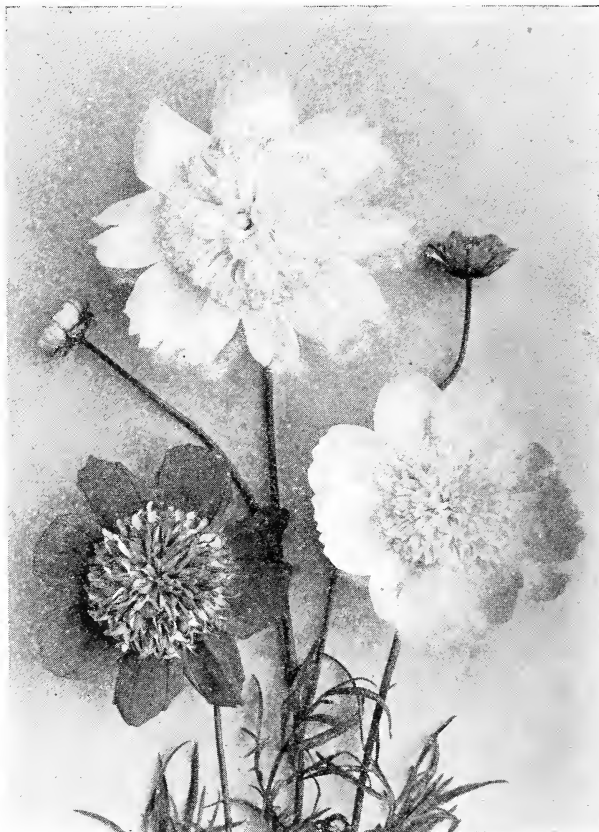
BROAD petals, oval-shaped, and overlapping; and the perfect shape of the flowers, and the long lasting quality of this variety readily makes it a garden flower of great merit.

For Autumn flowering, planted either in broad masses or backgrounds, it is very effective.

	Pkt.		Pkt.
Crimson	\$0.10	Finest Mixed	\$0.10
Orange (Klondike) ..	.10	½ oz. ....	.35

LADY LENOX, PINK—Lovely shell-pink, lighting up well at night. Price: Pkt., 10c; ½ oz., 35c.

LADY LENOX, WHITE—A fine pure white selection from the above. Price: Pkt., 10c; ½ oz., 35c.



Double Cosmos

DAHLIA

DAHLIAS can be grown easily from seed so as to produce flowers the first year. This is as true of double Dahlias as of single. In the Dahlia are combined more desirable qualities than are found in almost any flower grown in the open ground. It can be had in perfection from June until cut down by frosts. In it can be found not only every imaginable color except blue, but the most beautiful combination of colors and marvelous blending of shades and tints imaginable. As a cut flower the Dahlia is unsurpassed, owing to its great diversity of bloom and the brilliant lustre of its colorings.

DOUBLE MIXED	Pkt. \$0.10
SINGLE MIXED .....	.10
CACTUS MIXED .....	.10

DRACAENA

Indivisa (Dragon Plant)

BEAUTIFUL ornamental - leaved plants; long, narrow, green foliage; indispensable for vases and house decorations. Price: Pkt., 10c.

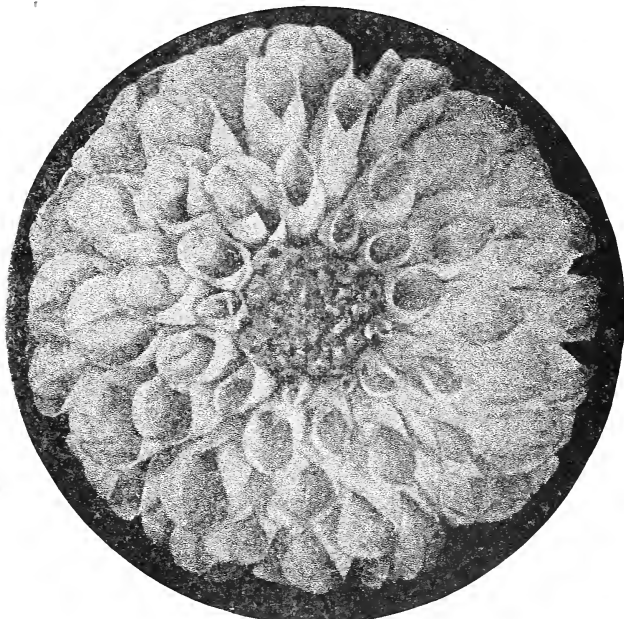
DATURA

ANGEL'S "TRUMPET"—A new annual variety and exceedingly fine, bearing great trumpet-like flowers, 6 to 8 inches long, with double frilled interiors; sweet-scented; plants 4 feet high, bushy and free-flowering, of fine sub-tropical effect in the garden. Mixed. Price: Pkt., 10c.

DIMORPHOTHECA

African Golden Daisy

AURANTIACA—1 ft. Rare and very showy annual from South Africa, having daisy-



Dahlia

like flowers of a glossy salmon - orange shade with black central ring, a lovely color when flowers open in the sun. Price: Pkt., 10c.

DIELYTRA SPECTABILIS (Bleeding Heart)

BLOOMS in May and June, and has long graceful racemes of rosy-red flowers, with protruding white inner petals. Price: Pkt., 10c.

DIGITALIS (Foxglove)

HANDSOME and highly ornamental hardy plants of stately growth. Blooms during June and July. 3 to 5 feet.

GLOXINIAEFLORA MIXED—This is a fine strain of the ordinary Foxglove, with handsome spotted Gloxinia-like flowers on long spikes. Price: Pkt., 10c.

DELPHINIUM

(Perennial Larkspur)

THERE is perhaps no better known hardy plant than the Delphinium. The beautiful flowers borne on tall stately spikes are a gorgeous sight and a charm to the garden. Sow seeds in early Spring in shallow boxes indoors or in a hotbed. Set out 6 inches apart in the garden. In the fall they may be lifted and set out in groups of colors; three or four plants at a distance of 3 feet apart, in the rear of hardy perennials, where they make a fitting background.

BELLADONNA—This is one of the finest and most continuous-blooming hardy Larkspur. The clear turquoise-blue of its flowers is not equalled for delicacy and beauty. Price: Pkt., 15c.

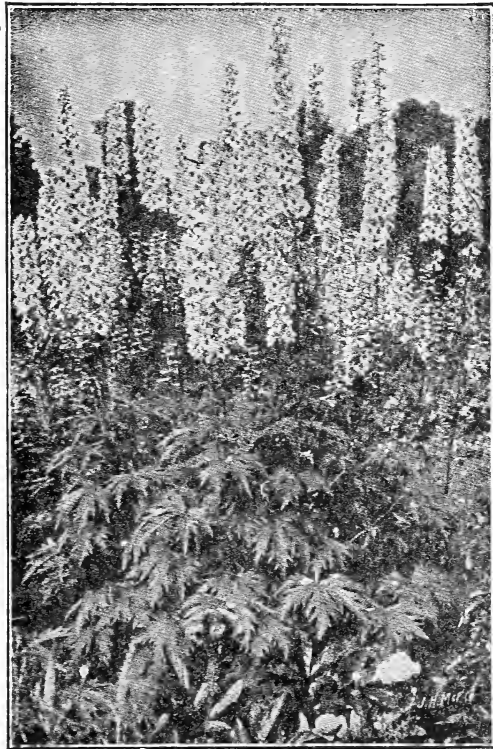
FORMOSUM—Large; rich dark blue, white center; borne on spikes 2 to 3 feet tall; one of the most popular varieties. Price: Pkt., 10c.

ST. L. S. CO'S HYBRIDS—This splendid strain is of strong, vigorous habit, with immense spikes from 2 to 3 feet long, of large flowers mostly in fine shades of light blue. Price: Pkt., 10c.

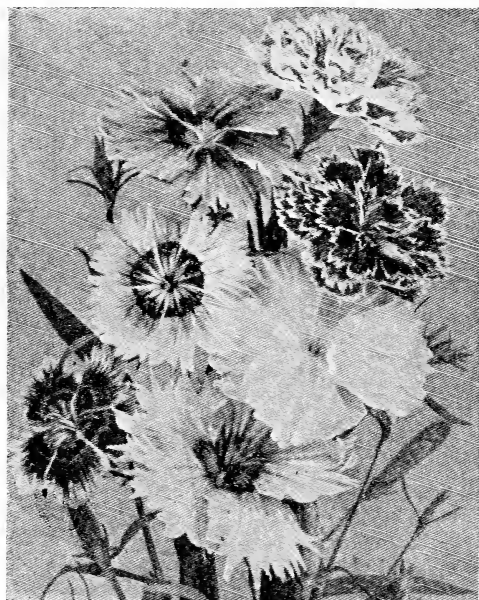
CHINESE BLUE—A distinct and neat variety, growing about 18 inches high, with fine, feathery foliage, and producing freely spikes of large blossoms of intense gentian-blue. Price: Pkt., 10c.

CHINESE ALBUM—The white-flowered form of the preceding. Price: Pkt., 10c.

CHINESE MIXED—Price: Pkt., 10c.



Delphinium



Dianthus or Pinks.

DIANTHUS or PINKS

THE family of Pinks is unrivaled for brilliancy and rich variety of color; the plants are bushy, of symmetrical form—blooming profusely until fall, rendering them most satisfactory for Summer flower gardens. Sow out-of-doors when danger of frost has passed and they will, in several weeks, become a mass of bloom, continuing until frost.

DOUBLE ANNUAL

CHINENSIS FL. PL. (China, or Indian Pink)—Blooms in clusters, flowers very double and bloom in a large range of bright colors. Price: Pkt., 5c; ½ oz., 25c.

FIREBALL—Extra double brilliant dark scarlet, very beautiful. Price: Pkt., 10c.

SNOWBALL—Large double white; excellent for border or cutting. Price: Pkt., 10c.

LACINIATUS FL. PL. (Double Fringed Pink)—Large double flowers, edges fringed; in a great variety of colors. Price: Pkt., 10c.

SINGLE ANNUAL

THESE single sorts contain many beautiful varieties, flowers often measuring 2 to 3 inches in diameter, and are very effective for borders or beds.

LACINIATUS (Single-Fringed Pink)—A beautiful fringed variety; various colors. Price: Pkt., 10c.

HARDY GARDEN PINKS

LARGE Double-Flowering Grass or Spice Pinks. These are great improvements over the charming time-honored inhabitants of old-fashioned gardens. The flowers are large and borne profusely on short, stiff stems.

PLUMARIUS, SINGLE MIXED (Pheasant's Eye)—Price: Pkt., 10c.

PLUMARIUS, DOUBLE NANUS ERFURT—Price: Pkt., 10c.

DOLICHOS (Hyacinth Bean)

A RAPID-GROWING annual climber, flowering freely in erect racemes, followed by ornamental seed-pods; for covering arbors, trellises, etc. Sow the seed in the garden in beds where they are to remain. 10 feet.

WHITE—This grand Hyacinth Bean comes from Japan. Seed sown late in May will, by the middle of July, often attain a height of 10 feet. Price: Pkt., 5 c; oz., 15c.

PURPLE—The most beautiful purple. Price: Pkt., 5c; oz., 15c.

MIXED COLORS—Price: Pkt., 5c; oz., 10c.

LIGNOSIS (Australian Pea Vine)—A rapid growing evergreen climber, flowering freely in clusters of rose shaped flowers. For covering arbors, trellises, etc., it has no superior. Price: Pkt., 10c.

ERYSIMUM

THIS Annual Border Plant is one of the sweetest scented annuals in cultivation. It is of a beautiful orange yellow coloring. h. A. 3 feet.

PERFESKIANUM—The favorite orange coloring. Price: Pkt., 10c.

EUPHORBIA (Poinsettia)

VARIEGATA (Snow-on-the-Mountain)—Is very popular. Green foliage, veined and margined white; 2 to 4 feet. h. A. Price: Pkt., 10c.

HETEROPHYLLA (Mexican Fire Plant or Fire-on-the-Mountain)—An annual, resembling the beautiful hothouse poinsettia in habit and color. About 3 feet. Price: Pkt., 10c.

ESCHSCHOLTZIA (California Poppies)

BEAUTIFUL and popular annuals, being of the earliest culture and giving great satisfaction. From Spring-sown seeds they flower profusely until late in the Autumn, making them invaluable bedding plants. h. A.

CALIFORNICA—Bright yellow. Price: Pkt., 10c.

CARMINE KING—Carmine-rose on both sides of the petals. Price: Pkt., 10c.

MANDARIN—Red flowers, orange within and scarlet without. Price: Pkt., 10c.

DOUBLE AND SINGLE MIXED—Price: Pkt., 5c; ½ oz., 25c.



Dolichos (Hyacinth Bean)

FORGET-ME-NOT (*Myosotis*)

THESE daintily elegant little flowers are hardy perennials that love cool, moist soil, and like pansies, bloom most freely in the Fall and early Spring. They make beautiful close borders, or edgings, thickly sprinkled with pretty flower-sprays, and will bloom nicely in Winter in a cool room or cold frame. Once at home in a garden they establish themselves by self-seeding. All the varieties are general favorites. Sow in Spring in a warm, sunny border. Most varieties bloom freely the first season and profusely the second. Average height, 6 inches. hh. P.

ALPESTRIS ROBUSTA GRANDIFLORA — This Forget-me-not plant is of compact habit with glossy dark green foliage, above which are carried on sturdy stems large clusters of immense pure, blue flowers. Price: Pkt., 10c.

PALUSTRIS SEMPERFLORENS — An everblooming variety of the above, beginning in May and continuing till Autumn. Large, clear, blue flowers in pretty sprays. Price: Pkt., 10c.

INDIGO BLUE — Early and free-flowering, with the deepest indigo-blue flowers produced on long sprays which are excellent for cutting; 9 inches. Price: Pkt., 10c.

VICTORIA DWARF (Alpestris) — Bright azure blue. Very early. Dwarf. Price: Pkt., 10c.

MYOSOTIS ALPESTRIS MIXED — A pretty trailer. Price: Pkt., 10c.

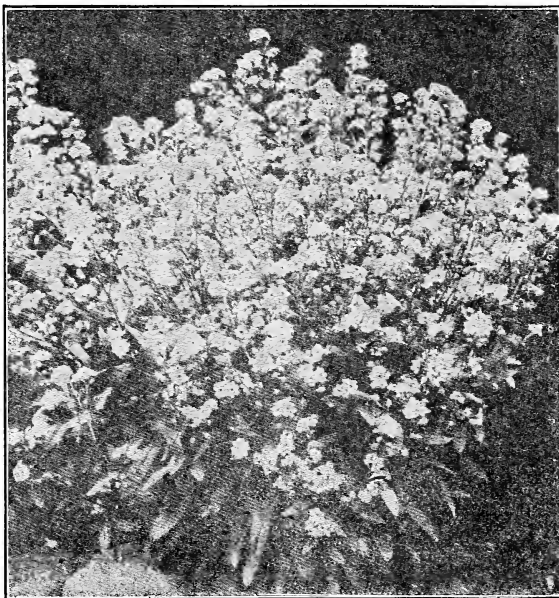
FERNS

A BEAUTIFUL plant used for foliage, bouquets, etc. Are a favorite everywhere and are very easily grown. Sow seed in rich loam. Below we offer you the finest species.

FINE MIXED — Greenhouse species. Price: Pkt., 20c.

HARDY — Species for outdoor culture. Price: Pkt., 20c.

FOXGLOVE — See *Digitalis*, Page 47.



Forget-Me-Not

FEVERFEW (*Matricaria*)

AN OLD garden favorite. This is the annual Feverfew, and one of the numerous flowers called "Bachelor's Button." Elegant for cutting and bouquet work. h. A.

DOUBLE WHITE — About 2 ft. Good for cutting. Price: Pkt., 10c.

GOLDEN BALL — Dwarf. Beautiful yellow. Price: Pkt., 10c.

FUCHSIA (Eardrops)

THIS elegant pot variety is one of our showiest plants. They produce flowers of the most beautiful colorings. g. P.

FINEST MIXED — Price: Pkt., 25c.

FOUR O'CLOCK — MARVEL OF PERU

FOUR O'CLOCKS — Called Four O'Clocks because they open their blossoms at that hour in the afternoon. They are also known as "Marvel of Peru." Handsome, free-flowering, sweet-scented. Blossoms variegated and striped. h. A.

FINE MIXED — Price: Pkt., 5c; oz., 10c; ¼ lb., 35c.

GAILLARDIA (Blanket Flower)

SPLENDID showy annuals, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom from early Summer till November; excellent for beds, borders or for cutting; should be sown where they are to bloom; 1½ feet.

ANNUAL DOUBLE — A splendid variety of mixed colors. h. A. Price: Pkt., 10c.

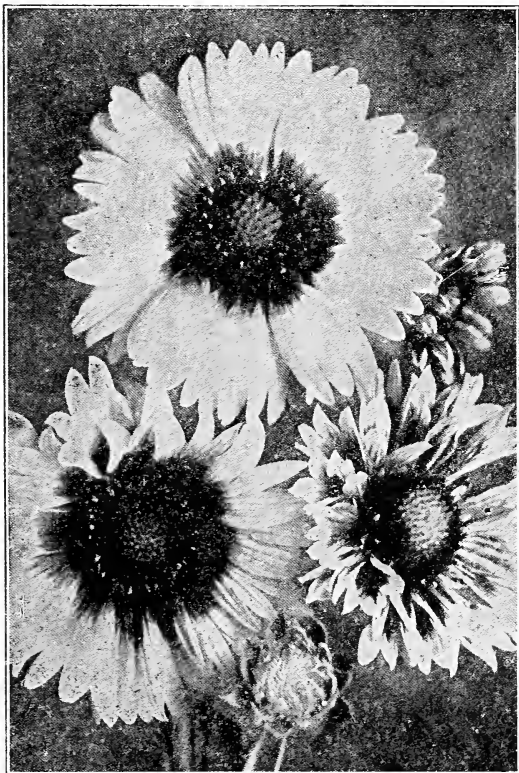
ANNUAL SINGLE — Highly colored as the Perennial. h. A. Price: Pkt., 10c.

HARDY HYBRID GAILLARDIA

THE flowers are extraordinarily large, often 4 to 5 inches across, and very highly colored in great diversity of variations and blendings, including such combinations as scarlet with gold edge, blood-red with yellow edge, yellow with orange disk, golden with scarlet border, pure yellow, fiery-crimson and many others.

GAILLARDIA (gr. fl. Oculata) — New light shades with red center. Very fine variety. Price: Pkt., 10c.

GRANDIFLORA COMPACTA, MIXED — Price: Pkt., 10c.



Gaillardia



Geraniums

ORNAMENTAL GRASSES

FOR large beds or groups on lawns nothing gives a finer effect and they are now largely used in prominent positions in many of the finest public parks, etc. **BRIZA MAXIMA** (Quacking Grass)—Very beautiful. H. A.

COIX LACHRYMA (Job's Tears)—2 ft. H. A.

GYNERIUM ARGENTEUM (Pampus Grass)—The most noble grass in cultivation. 12 ft. H. P.

LAGURUS OVATUS (Hare's Tail Grass)—Bushy and Puffy. H. A.

EULALIA ZEBRINA (Zebra Grass)—Light green, barred with creamy white. Variegation runs across foliage. H. P.

PENNISETUM RUEPELIANUM (Purple Fountain Grass)—Graceful green foliage and purplish plumes, unequaled as an edging to a bed of Cannas or other tall plants; annual; 3 feet.

STIPA PINNATA (Feathered Grass). H. P.

ALL COLORS MIXED—Price: Any of the above varieties, pkt., 10c.

ORNAMENTAL GOURDS H. A.

THEY attain the remarkable growth of from 10 to 20 feet in height and are grown extensively for household as well as ornamental purposes.

DIPPER—Useful for many household purposes. When grown on the ground, produces differently shaped gourds than on the trellis. Price: Pkt., 5c.

DISH CLOTH LUFFA—Sponge-like, porous lining is dried and used in the bath or for dishcloth. Price: Pkt., 5c.

HERCULES' CLUB—The longest of any of the gourds. Price: Pkt., 5c.

JAPANESE NEST EGG—Resembles hen's eggs in color, size and shape. Price: Pkt., 5c.

PIPE CALABASH—The stem ends of the fruits are much used in making pipes. Price: Pkt., 5c.

SUGAR TROUGH—Very light, but durable. Used for buckets, baskets, soap and salt dishes, etc. Price: Pkt., 5c.

TURK'S TURBAN—All colors, mixed. Price: Pkt., 5c.

SMALL VARIETIES, MIXED—Price: Pkt., 5c.

GYPSOPHILA

GYPSOPHILAS are valuable for bouquet-making, either green or dried. They are very graceful, and easily cultivated. Should be in every garden. All flower the first season. *G. paniculata* continues to bloom for several years.

PANICULATA (Baby's Breath)—Flowers white. A hardy perennial which will stay in the ground all Winter. Price: Pkt., 10c.

PANICULATA, FL. PL.—The new double flowering Baby's Breath. Hardy. Price: Pkt., 15c.

ELEGANS, GRANDIFLORA, Pure White—Splendid for carpeting in rose or lily beds. Annual. Price: Pkt., 10c.

ELEGANS, Rose—An elegant variety; Rose colored. Annual. Price: Pkt., 10c.

GERANIUMS

THESE grow readily from seed and produce blooming plants the first Summer. There is a great deal of pleasure in watching them develop from seed and there is always a chance of securing something new and desirable in that way. g. P.

Pkt.
ZONALE, Mixed\$0.10
APPLE-Scented25

GLOXINIA

GLOXINIAS are most charming greenhouse plants, of dwarf habit. Their flowers are produced in greatest profusion, and of the most exquisite and gorgeous colors, many of which are magnificently spotted, mottled and blended. **GIANT HYBRIDS, MIXED**—Price: Pkt., 25c.

GODETIA

THEY are of a dwarf habit of growth. The flowers are of handsome shape, in the most brilliant as well as delicate colors, and are produced in marvelous profusion. Of easiest culture. h. A. Mixed. Price: Pkt., 10c.

GLOBE AMARANTH

(*Gomphrena*) H. A.

POPULARLY known as "Bachelor Button," a first-rate bedding plant, the flowers resemble clover heads.

PURPLE—Price: Pkt., 10c.

MIXED—Price: Pkt., 10c.

GREVILLEA (Silk Oak)

ROBUSTA—A very beautiful and graceful decorative plant with fern-like foliage; excellent for table decoration; easily raised from seed, producing good-sized plants in a short time.

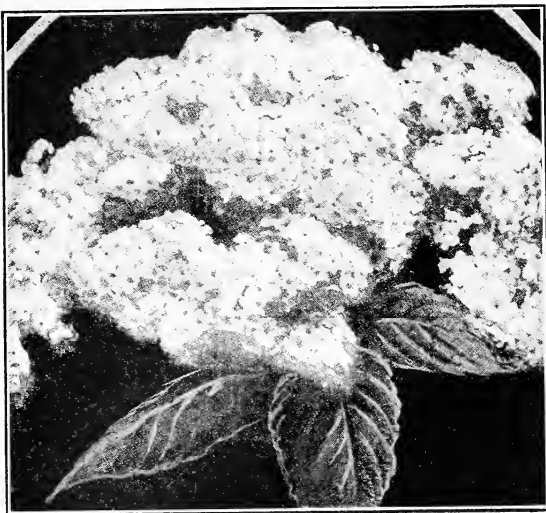
Price: Pkt., 10c.

HELICHRYSUM

MIXED (Bachelor Button)—Very ornamental and much admired when dried. Fine double mixed. H. A. 3 ft. Price: Pkt., 10c.



Helichrysum



Heliotrope.

HOLLYHOCKS (5 to 8 feet high)

EVERBLOOMING DOUBLE MIXED—A comparatively new class of easy culture and flowering as quickly from seed as any garden annual. The plants from early sown seed set out in May begin flowering in July; the May sown in August; but in either event they flower profusely until frost. **Price: Pkt., 10c.**

EVERBLOOMING SINGLE MIXED **Price: Pkt., 10c.**

ALLEGHENY SINGLE FRINGED MIXED—Flowers mammoth in size, fringed pink to deep red in color. Blooms very early and continues late. Blooms the first year from seed if sown early. **Price: Pkt., 10c.**

CHATER'S SUPERB DOUBLE—An extra fine strain. The plants are hardy and large, robust growers; the flowers are not closely huddled up like the other Hollyhocks.

	Pkt.		Pkt.
Double White	\$.10	Double Rose	\$.10
Double Crimson	.10	Double Maroon	.10
Double Sulphur Yellow	.10	Double Light Pink	.10
		Double Mixed	.10

IMPATIENS SULTANA

THE ZANZIBAR, OR SULTAN'S BALSAM—Ideal for either pot or garden culture; a tender perennial that cannot be surpassed. It produces waxy bright flowers almost continually. Rose color. 2-3, g P. **Price: Pkt., 10c.**

KOCHIA (Burning Bush)

FORMS regular pyramids from 2 to 3 feet in height having a cypress-like appearance. Autumn coloring has given it another name, “Mexican Fire Plant.” h. A. **Price: Pkt., 5c.**

KUDZU VINE

A TWINING vine of remarkably rapid growth, hardy, though the vine dies down every Winter in the North. Foliage large and lobed; purple, pea-shaped flowers in clusters, borne late in the season. A fine vine for arbors, verandas, etc. Easily grown from seed. **Price: Pkt., 10c.**

HELIOTROPE

ST. L. S. CO'S GIANT MIXED—Deliciously fragrant, flowering plants; growing about 18 inches high; great favorites for pot culture in the Winter or bedding out in the Summer. Half-hardy perennial. 1½ ft. **Price: Pkt., 10c.**

HEUCHERA

SANGUINEA SPLENDENS—The foliage is evergreen, flowers fiery coral, shading to brilliant crimson, borne on graceful spikes. A charming cut flower. h. P. **Price: Pkt., 10c.**

HIBISCUS

AFRICANUS (Marshmallows)—Robust garden annuals; large saucer-shaped flowers of creamy yellow with purple centers. 2 feet. h. A. **Price: Pkt., 10c.**

HOP

JAPANESE VARIEGATED—Rapid Summer climber, in three or four week's time attaining a height of 20 to 30 feet, resembling the common Hop. H. A. **Price: Pkt., 10c.**

HUNNEMANIA

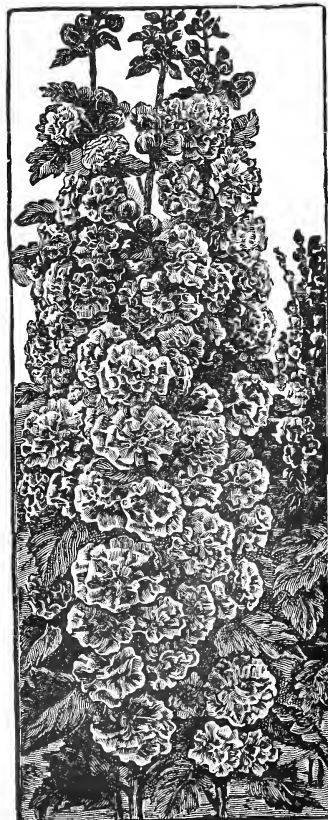
(Bush Escholtzia)

THE plants grow into a shrubby bush 2 ft. high and produce large cup-shaped flowers.

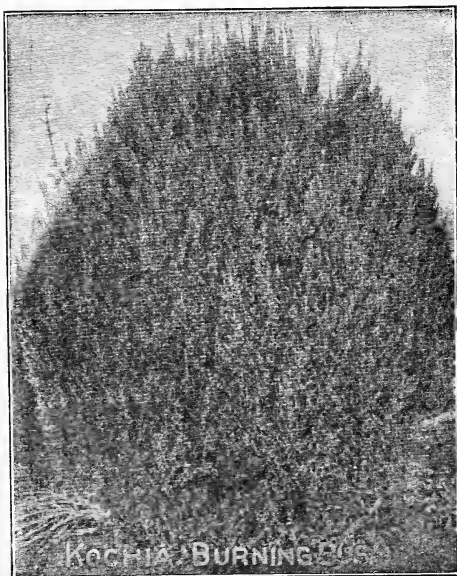
FUMARIAEFOLIA—Yellow. 2-3. H. A. **Price: Pkt., 10c.**

ICE PLANT

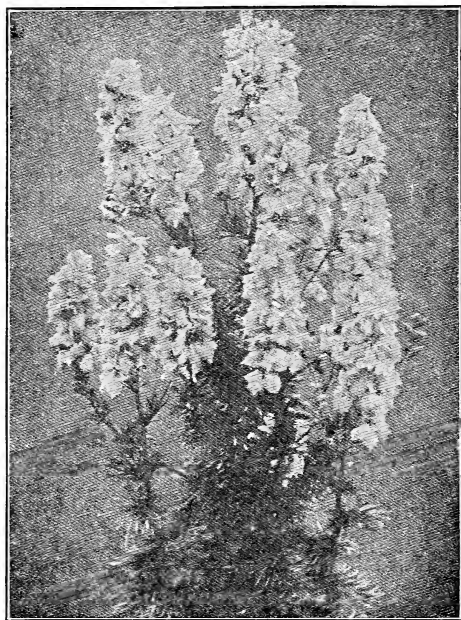
HANDSOME and curious plant for hanging baskets, rock work, vases and edgings. Trailer. t. A. 6 inches. **Price: Pkt., 10c.**



Hollyhock.



KOCHIA BURNING BUSH



Larkspur

LANTANA

HYBRIDA, Dwarf Mixed—Of dwarf growth, they will be found a great improvement upon the older sort, and a splendid acquisition to our list of window and garden flowers. g. P. Price: Pkt., 10c.

ANNUAL LARKSPURS

HARDY LARKSPUR
See Delphinium.

Seeds sown in the open ground before the close of April will produce flowering plants by the beginning of July, and give a continuous succession of flowers from then until frost, a record that is not surpassed by any other annual. They make handsome beds very effective when interspersed in the old-fashioned flower or shrubbery border.

DOUBLE STOCK FLOWERING TALL.

	Pkt.		Pkt.
Dark Blue	\$0.10	Lustrus Carmine	\$0.10
Rose Pink .....	.10	White .....	.10
Lilac .....	.10	Mixed	½ oz., 35c.
Sky Blue .....	.10	Dwarf Rocket Mixed ..	.10

LOBELIA

THE annual Lobelias are plants of dwarf, compact growth, four to six inches in height, covered with numerous small, star-like flowers. Very pretty when grown as an edging for flower-beds, also for hanging-baskets and vases, and as house plants in pots in winter. Seeds should be sown in boxes in a warm, sunny window, or in shallow drills outdoors when the trees are starting out in leaf, barely covering the seed from view.

CRYSTAL PALACE COMPACTA—Large, deep, blue flowers and bronzy foliage. Of fine, close habit. 6 in. Price: Pkt., 10c.

FLORIST'S FAVORITE COMPACTA (Pumila Splendens)—Brilliant dark blue with white eyes. Very dwarf. Price: Pkt., 10c.

SAPPHIRE—Trailing Lobelias are also coming much into demand. This new variety is of remarkably strong growth and is called Sapphire as the flowers show the wonderful deep blue of this gem. Price: Pkt., 15c.

CARDINALIS (Cardinal Flower)—A native variety with spikes for brilliant scarlet flowers; fine hardy border plant; 3 feet. Price: Pkt., 15c.

MARVEL OF PERU—FOUR O'CLOCK

FOUR O'CLOCKS—Called Four O'Clocks because they open their blossoms at that hour in the afternoon. They are also known as "Marvel of Peru." Handsome, free-flowering, sweet-scented. Blossoms variegated and striped. h. A.

FINE MIXED—Price: Pkt., 5c; Oz., 10c; ¼ lb., 35c.

MIMULUS

SHOWY, profuse flowering plants; fine for greenhouse or moist shady situations; half-hardy perennials, blooming the first year from seed if sown early; 1 foot.

MOSCHATUS (Musk Plant)—Fine for hanging baskets, etc.; small yellow flowers, fragrant foliage. Price: Pkt., 10c.

TIGRINUS (Monkey Flower)—Fine mixed spotted varieties. Price: Pkt., 10c.

LEMON VERBENA

THE seed of this grand old favorite is very scarce. The leaves are delightfully fragrant and refreshing. Lives from year to year. g. P. Price: Pkt., 10c.

LINARIA

CYMBALARIA (Kenilworth Ivy)—Very pretty new variety, with light green glossy foliage and violet flowers. h. P. Price: Pkt., 10c.

LINUM

SCARLET FLAX—One of the most effective and showy bedding plants, of long duration, having fine foliage and delicate stems, with brilliant scarlet-crimson flowers. Price: Pkt., 10c.

LUPINUS (Lupine)

ANNUAL SORTS. Free flowering, easily-grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for mixed borders, beds and for cutting; prefers a little shade; 2 feet.

Hartwegii, dark blue ... \$0.10 **Hartwegii sky blue** ... \$0.10
" white10 " roseus10

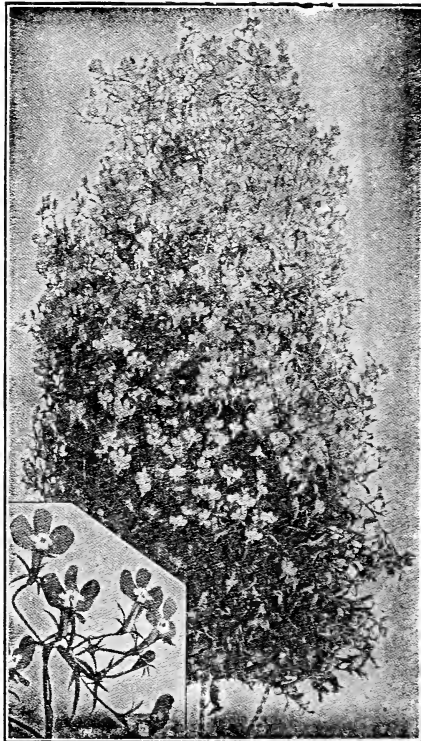
ANNUAL MIXED—Very desirable garden plants, showy and excellent for cutting. Graceful spikes, 2 feet long, in various shades of white, blue, pink and yellow. Price: Pkt., 10c.

PERENNIAL MIXED—3 H. P. Effective hardy perennials, succeeding in any good garden soil; blooms in May and June; 3 feet. Price: Pkt., 10c.

LYCHNIS (Burning Star)

HYBRIDA MIXED—Grand hardy perennials. White rose, vermillion. h. P. Price: Pkt., 10c.

LILY OF THE VALLEY—See Convallaria page 45.



Lobelia Sapphire.

MARIGOLD

THE African and French Marigolds are valuable for their flowers in Autumn, and can be grown to advantage in little clumps with other plants in the front of the shrubberies or in the garden border. They succeed best in light soil, with full exposure to the sun. h. A.

LEGION OF HONOR—Single golden yellow blossoms marked with red. Price: Pkt., 10c; ½ oz., 30c.

ORANGE PRINCE—A high-bred type, bearing densely double flowers of a rich deep golden-orange color; very showy. Price: Pkt., 10c; ½ oz., 30c.

LEMON QUEEN—Another fine variety, with soft lemon-yellow flowers, and forming a fine contrast to the preceding. Price: Pkt., 10c; ½ oz., 30c.

EL DORADO—Flowers very large, imbricated and extremely double. Colors in all shades of yellow. Price: Pkt., 10c.

AFRICAN TALL DOUBLE MIXED—Taller than the French, and the flowers are larger. 2 feet. Price: Pkt., 10c; ½ oz., 30c.

FRENCH DWARF DOUBLE MIXED—Many striped and blotched. Earlier than the African. 1 foot. Price: Pkt., 10c; ½ oz., 30c.

MIGNONETTE

THIS is one of the grandest garden flowers ever produced, and no garden is complete without an assortment of the following varieties. The colors of the florets vary on account of the density of the florets and spikes. For cutting they are superb, remaining fresh for 8 to 10 days in water. h. A.

CULTURE—Sow out of doors, when danger from frost is over, in the bed or border where they are to flower. The soil should be well pulverized and the seed covered to a depth of about 4 times their size. Press down firmly with a board, and thin out so that the plants will not become crowded. For early flowering they should be sown indoors in a shallow box, or in a hotbed, and transferred to the open ground when the weather becomes suitable.

ST. L. S. CO'S EX. SELECT MACHET—Of dwarf pyramidal growth, bearing numerous flower stalks; highly colored and very fragrant; one of the best. Price: Pkt., 10c.

RED GOLIATH—The spikes of flowers are immense, measuring 6 to 8 inches long by 2½ inches in diameter, and are compactly filled with giant florets, measuring ½-inch across and packed full, even in the center. Price: Pkt., 10c.



ALLEN'S DEFIANCE—Will throw flower stalks of a foot in length and of an unequaled delicious fragrance. Good forcing variety under glass. 1½ feet. Price: Pkt., 10c.

BISMARCK—Can be best described as an improved Machet. Good for florists. Has stout stalks, dark cream crimped foliage. Price: Pkt., 10c.

LARGE FLOWERING—Mixed. Price: Pkt., 5c; ½ oz., 25c.

MORNING GLORIES

ST. L. S. CO'S NEW JAPANESE GIANT—This exquisite new Morning Glory is without doubt the finest species ever offered. So rich and beautiful are its gorgeous markings of handsome blotched petals that it cannot be compared with the ordinary Japanese Morning Glory. The flowers of this variety are of largest size, often three inches or more across; some are brilliant red or rich blue, others are equally brilliant, with broad margins of clear white; some are striped or dotted with blue or red on white or lemon yellow ground. Price: Pkt., 15c; oz., 40c.

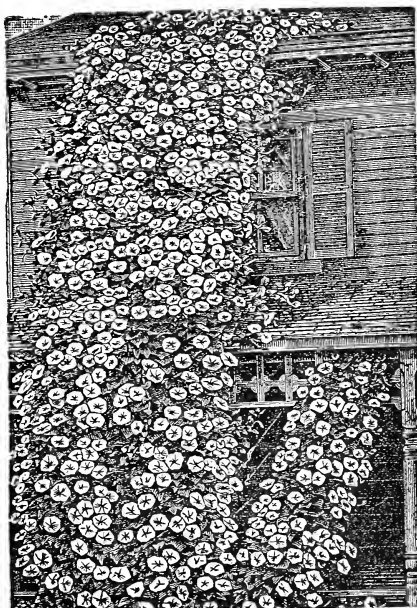
IMPERIAL JAPANESE FRINGED—The gorgeous colors of the Imperial Strain Morning Glory surpasses anything ever seen in these flowers. Petals are of a large size and blotched with magnificent colorings of different shades and tints. Without a doubt, Imperial Morning Glories equal the finest of their kind. Price: Pkt., 10c; oz., 25c.

SETOSA (Brazilian Morning Glory). Setosa is the botanical name of this magnificent summer climbing annual. It grows with the greatest vigor and luxuriance. The leaves are 8 to 12 inches across, overlapping each other and making a dense shade. The vine is covered with short reddish hairs which, with its immense leaves and large clusters of curious seed capsules, renders it highly ornamental. We know of nothing better for quickly covering a piazza, arbor or tree. The flowers are of beautiful rose color and are borne in large clusters. Price: Pkt., 10c; oz., 20c.

FINE MIXED—All colors. Price: Pkt., 5c; oz., 10c.



Marigold



Moon Flower.

MOON FLOWER (Ipomoea)

WHITE LARGE FLOWERING—This greatly improved variety of the popular Moonflower Vine, produces much larger flowers and in greater profusion, with immense saucer-shaped flowers from 7 to 8 inches across and as glistening white as disks of white satin. They are also softly fragrant. The flowers open about sunset and close the next morning. **Price: Pkt., 10c; oz., 40c.**

BLUE BONA NOX (Evening Glory)—Beautiful, large violet flowers. **Price: Pkt., 10c; oz., 35c.**

GIANT PINK—The soft lilac-pink flowers are produced abundantly all summer and fall. **Price: Pkt., 10c; oz., 35c.** Plants ready April 25—Each, 30c. By express only.

NEMOPHILA

SPLENDID free-flowering hardy annuals, of very neat, compact habit. Flowers are cup-shaped, appearing in many brilliant colors, the blue shades being particularly striking. **Price: Pkt., 10c.**

NICOTIANA (Ornamental Tobacco)

A BEAUTIFUL hardy annual, fine for its sweet-scented flowers and ornamental leaves. **h. A.**

AFFINIS—An annual with sweet scented, pure white star-shaped flowers, 3 inches across, blooming continually. 2 to 3 feet high. **Price: Pkt., 10c.**

SANDERAE—A Brazilian novelty, the entire bush being covered with large brilliant carmine red flowers. Height of about 2 feet. **Price: Pkt., 10c.**

NIGELLA

(Love in a Mist or Devil in the Bush)

A COMPACT free-flowering plant with finely cut foliage, curious looking flowers and seed pods; of easy culture, growing in any garden soil; hardy annuals; blue and white mixed; 1 foot. **h. A. Price: Pkt., 10c.**

NASTURTIUMS

TALL OR CLIMBING VARIETIES

ELEGANT and luxuriant climbers for verandas, trellises, etc. May be used to cover unsightly railings and to trail over rough ground with fine effect. The seed-pods can be gathered while green and tender for pickling; 6 to 8 feet.

	Pkt.	Oz.
Dark Crimson	\$0.10	\$0.20
King Theodore —Velvety dark crimson; dark foliage .....	.10	.20
Fulgens —A pure orange .....	.10	.20
Orange —Pure orange, no markings .....	.10	.20
Rose —Ruby rose .....	.10	.20
Edward Otto —Brownish Lilac .....	.10	.20
Pearl —Cream-white .....	.10	.20
Prince Henry —New, cream-color, spotted red .....	.10	.20
Schulzi —Scarlet .....	.10	.20
Vesuvius —An exquisite shade of salmon .....	.10	.20
FINE MIXED —Tall. Price: Pkt., 5c; oz., 10c; ¼ lb., 35c.		
VARIATED-LEAVED —Mixed. Price: Pkt., 10c; oz., 20c.		

DWARF OR TOM THUMB VARIETIES

THE DWARF NASTURTIUMS will always be general favorites, for the reason that they stand any amount of heat and drought, growing vigorously and flowering freely.

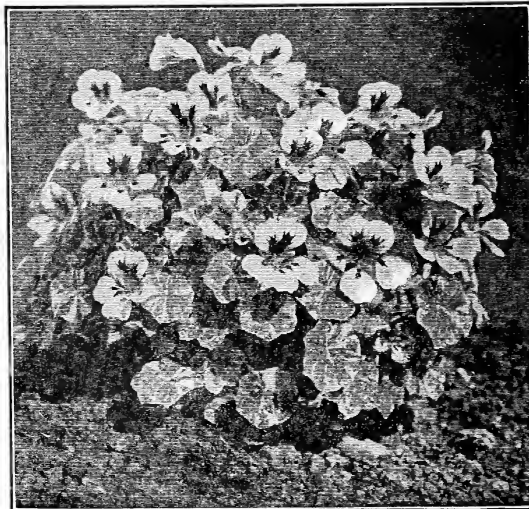
	Pkt.	Oz.
Beauty —Light scarlet, splashed canary. \$0.10	\$0.10	\$0.20
Bronze —Bronze colored .....	.10	.20
Cloth of Gold —Rich scarlet .....	.10	.20
Chameleon —Splashed crimson, bronze and yellow .....	.10	.20
Empress of India —Brilliant crimson; dark foliage .....	.10	.20
King Theodore —Scarlet-maroon; dark foliage .....	.10	.20
Golden King —Rich, golden yellow. ....	.10	.20
King of Tom Thumb —Scarlet. ....	.10	.20
Pearl —Pure white .....	.10	.20
Regelianum —Deep, purplish-crimson ..	.10	.20
FINE DWARF MIXED —Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25.		

SHAW'S GARDEN HYBRIDS

THE PRETTIEST strain of Dwarf Nasturtiums—Worth ten times the price of the ordinary mixed. There's really no comparison in the beauty and color of the flowers. **Price: Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.75. Postpaid.**

HYBRIDS OF MME. GUNTHER

THE RICHEST STRAIN OF ALL—These new hybrids make a strong growth, climbing about six feet and covered from Spring to Fall with large, substantial flowers of the most brilliant shades. **Price: Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.75. Postpaid.**



Shaw's Garden Hybrids.

PANSIES

LARGEST FLOWERING VARIETIES

SOW the seeds in drills, covering them not more than four times their diameter, and firming the soil well above them. Seeds sown in April or May will produce blooming plants by the last of June, which will give an abundance of flowers throughout the remainder of the season. About the middle of August is the best time for starting pansy seeds for early Spring blooming.

BUGNOT'S GIANT MIXTURE—One of the richest mixtures imaginable; contains the finest blotched varieties; of large size and exquisite coloring. **Price: Pkt., 15c.**

CASSIER'S GIANT, MIXED—One of the largest blotched varieties with petals of the finest coloring. **Price: Pkt., 20c.**

EXHIBITION—This wonderful Giant Pansy we offer as our leader. The colorings of this Pansy are mixed, there being no end to the numerous shades which nature has endowed upon this gigantic marvel, every petal being a veritable display of shades and coloring in itself. **Price: Pkt., 25c.**

MASTERPIECE—This grand giant Pansy is remarkable in having the borders of the petals waved or frilled, which gives the flower an almost double appearance; the type is altogether novel and distinct. **Price: Pkt., 15c.**

MME. PERRET—Flowers of large size, borne very freely in great diversity of colors, especially rich in red and wine shades. **Price: Pkt., 10c.**

ST. L. S. CO.'S "NONPAREIL" MIXTURE—This is certainly one of the grandest collections of the rarest and most beautiful varieties of Pansies. There is no end to the countless shades of color with which nature has endowed this mixture. The flowers are of a large size and the plants grow more compactly bushy than other mixtures. We have the best mixture of the European specialists who raise it. **Price: Pkt., 20c.**

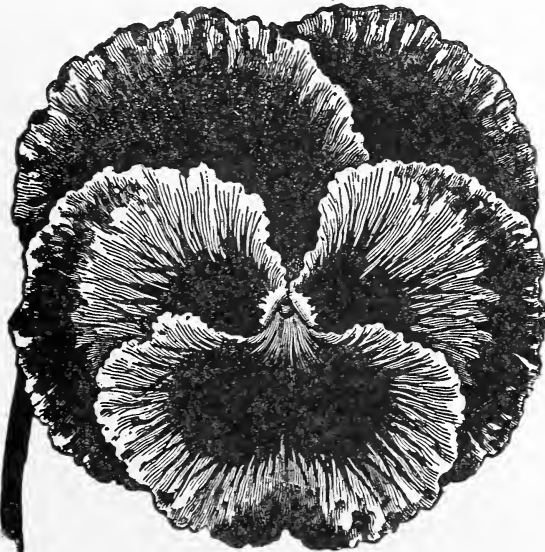
TRIMARDEAU GIANT MIXED—Extra large flowers, but not of such perfect form as the Imperial Giant. Most of the flowers have three large blotches or spots. **Price: Pkt., 10c.**

IMPERIAL GIANT, MIXED—They embrace all the solid or self-colors, delicately shaded of various colors, dark and light marbled varieties, flowers with clear, distinct eyes, striped flowers of striking beauty and vividly colored fancy varieties. **Price: Pkt., 15c.**

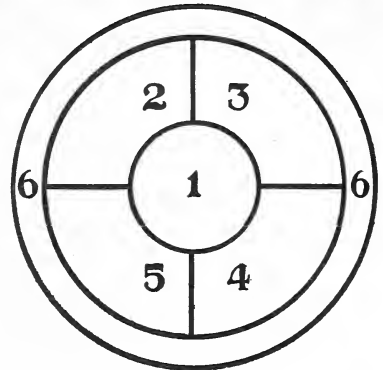
FINE MIXED—**Price: Pkt., 5c; ½ oz., 40c.**

TUFTED PANSIES, OR VIOLAS

WHILE the flowers of the Tufted Pansies are not so large as the regular type, yet they bloom so freely that they are superior to pansies where effect is wanted, the colors being particularly clear and distinct; they also bloom for a longer time. Seed sown in April produces flowering plants by June, and from then on until frost they are a sheet of bloom. **Price: Pkt., 10c.**



St. L. S. Co.'s "Nonpareil" Mixture



EARLY FLOWERING SWEET—SCENTED MIXED

THIS new race of Pansies promises to be an important introduction on account of the extreme hardiness of the plants and in consequence their earliness in flowering. With slight protection, such as meadow hay, leaves or similar material, full-grown plants winter over in the open ground. **Price: Pkt., 10c.**

SPECIAL OFFER TO PANSY LOVERS

THIS diagram, when properly laid out as shown in illustration, and sown with the following named varieties as per their respective numberings, will produce one of the most striking sights obtainable in the floral world. This collection will produce a bed 6 feet in diameter.

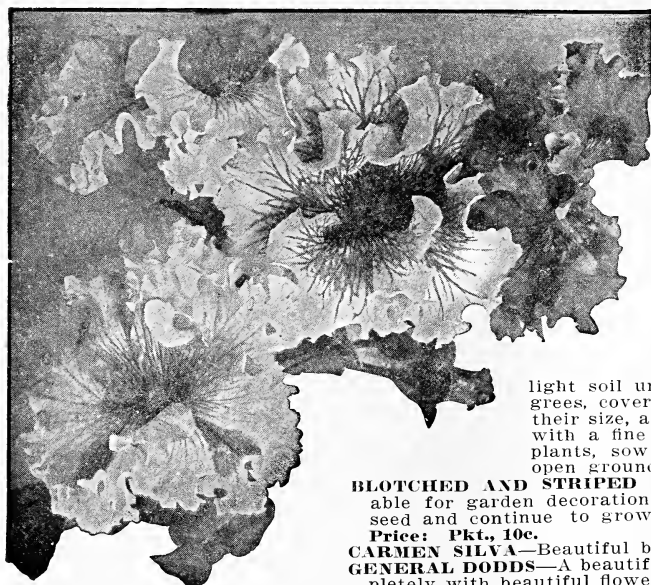
SEPARATE COLORS

All Giant-Flowered Varieties		Pkt.
No. 1.	Snowflake—White	\$0.10
No. 2.	Faust—Black	.10
No. 3.	Lord Beaconsfield—Blue and white	.10
No. 4.	Fire King—Golden yellow, upper petals crimson	.10
No. 5.	Emperor William—Azure blue	.10
No. 6.	Gold Elsie—Pure yellow	.10

One each of the above varieties, to plant as shown in diagram, mailed, postpaid, for 40c.

PANSY PLANTS READY APRIL 1st.

Price: 12 Plants, 60c. (By Express Only)



RUFFLED GIANTS

FLOWERS of extraordinary size and substance, and distinguished from the large flowering fringed section by the deep fluting, giving the appearance as if artificially ruffled. **Price: Pkt., 25c.**

DWARF FRINGED LARGE-FLOWERING—This new dwarf race of Petunia is one of the most important novelties in flower seeds. The plants, though branching freely from the base, rarely exceed 8 inches in height and form dwarf, compact little bushes which carry, well above the foliage, numerous large fringed-edge flowers of all the beautiful Petunia colors, including those blotched, throated and veined in varied combinations. **Mixed. Price: Pkt., 25c.**

GIANTS OF CALIFORNIA—The richest colors, the largest flowers and the finest markings of all Petunias. Flowers of gigantic size, many of them measuring 5 inches in diameter, and of an astonishing variety of colors. **Price: Pkt., 15c.**

DOUBLE LARGE FLOWERING

IT IS well known that seed saved from the most carefully hybridized flowers produce but a small percentage of double flowers, the balance being single of unusually fine quality. The weaker seedlings should be carefully saved, as these invariably produce the finest double flowers.

DOUBLE LARGE-FLOWERING FRINGED, MIXED—**Price: Pkt., 25c.**

PENTSTEMON (Beard Tongue)

GIANT FLOWERING MIXED—As a bedding plant this takes rank with the Petunia, Phlox, etc. It grows about 2 feet high, every branch being a spike of large, Gloxinia-like flowers in a very wide range of bright colors. **Price: Pkt., 10c.**

PERILLA

LACINIATA—A beautiful showy plant. Highly prized for its foliage, producing leaves similar to the Coleus. 1½ ft. 2 h. A. **Price: Pkt., 10c.**

PHACELIA

CAMPANULARI—Flower a rich deep blue; height 1 to 2 feet. 2 h. A. Excellent for bees. **Price: Pkt., 10c.**

OENOTHERA (Evening Primrose)

THESE are among our most beautiful plants for mixed garden beds and borders. They grow in branching from 1 to 2 feet in height and produce freely and continuously large single Poppy-like flowers of white, yellow, rose color, etc. The blossoms open early every evening and last well into the following day. They are of the easiest culture in any sunny situation. **Mixed Annual Varieties Price: Pkt., 10c.**

PASSIFLORA (Passion Vine)

COERULEA—Very popular for window decoration or sunny locations in the garden. Blue. 2-3. hh. P. 10 feet. **Price: Pkt., 10c.**

PETUNIA

FOR early flowering, the seed should be sown during March in shallow boxes of light soil under glass, in a temperature of about 65 degrees, covering the seed to a depth of about four times their size, and press the surface firm with a board; water with a fine spray as needed. For later succession of plants, sow the seed in April in coldframes or in the open ground when danger of frost is over.

BLOTCHED AND STRIPED BEDDING PETUNIAS are almost indispensable for garden decoration. They flower in a few weeks' time from seed and continue to grow, bud and bloom in luxuriance until frost. **Price: Pkt., 10c.**

CARMEN SILVA—Beautiful baby blue. **Price: Pkt., 10c.**

GENERAL DODDS—A beautiful deep red. Of compact growth covered completely with beautiful flowers one and one-half inches in diameter. Very desirable for beds or borders. **Price: Pkt., 10c.**

HOWARD'S STAR—A beautiful free-flowering strain, color crimson, maroon with a clearly-defined five-pointed star of bluish-white. For bedding, baskets, cases, etc., this is exceptionally fine. **Price: Pkt., 10c.**

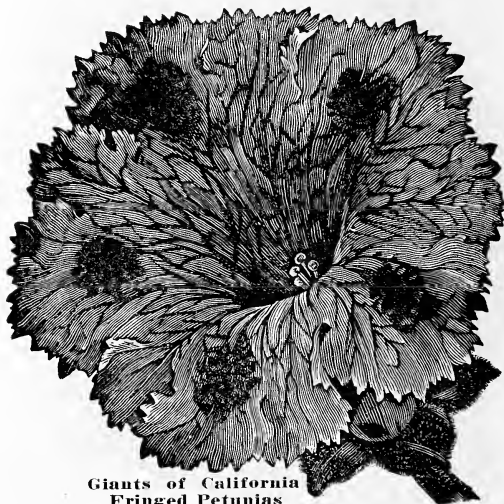
ROSY MORN—Soft carmine pink with white throat; makes a very dainty and at the same time effective border. **Price: Pkt., 10c.**

SNOWBALL—A fine, compact sort, producing its pure satiny-white flowers throughout the entire season. **Price: Pkt., 10c.**

EXTRA CHOICE MIXED—A very choice strain, partly made up from named large-flowering sorts, which will give the greatest variety of colors. **Price: Pkt., 10c.**

DWARF MIXED—Splendid dwarf varieties; large flowering. **Price: Pkt., 10c.**

FINE MIXED—Good bright colors. **Price: Pkt., 5c; oz., 50c.**



Giants of California
Fringed Petunias

PHLOX

IT OCCUPIES a first place as a garden annual, being one of the most brilliant and at the same time one of the easiest and most satisfactory plants, which can readily be grown from seed. Seed may be sown in the open ground any time after danger of frost is past, and in a few weeks they are a sheet of bloom, remaining so until frost.

LARGE FLOWERING—This important strain is not only notable for variety and brilliancy of colors, but also for the perfection and size of flowers.

Large Flowering—White	.....	\$0.10
" " Scarlet	.....	.10
" " Shell Pink	.....	.10
" " Crimson	.....	.10
" " Deep Rose	.....	.10
" " Yellow	.....	.10
" " Mixed	.....	.10

STARRED AND FRINGED MIXED—Very odd and pretty effect. Price: Pkt., 10c.

FINE MIXED—Bright, showy flowers. Good for cutting. 1 foot. Price: Pkt., 5c; ½ oz., 35c.

DWARF PHLOX—This strain grows only 6 inches in height. Plants form round, compact bushes. Pkt.

Fireball—A fine scarlet\$0.10

Snowball—Pure White10

Dwarf Mixed—All colors10

HARDY PERENNIAL PHLOX—Fine herbaceous perennial for beds or mixed borders. Mixed. Price: Pkt., 10c.

PLATYCODON (Wahlenbergia)

(Chinese Bell Flower)

HARDY perennials, bearing large, broad, bell-shaped blue flowers; very handsome for garden decoration.

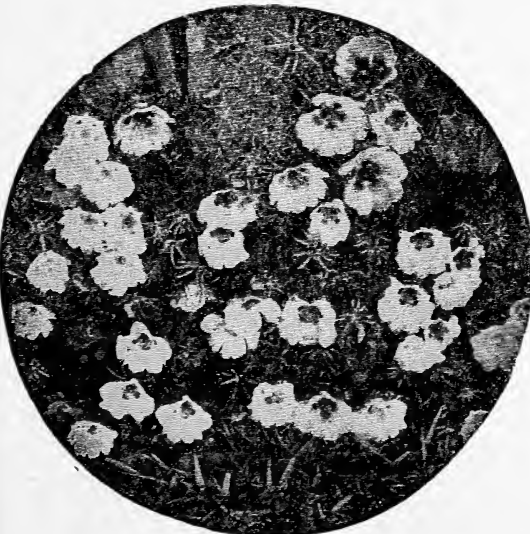
GRANDIFLORUM, Blue—Very hardy. Height, 2 feet. Price: Pkt., 10c.

PORTULACA

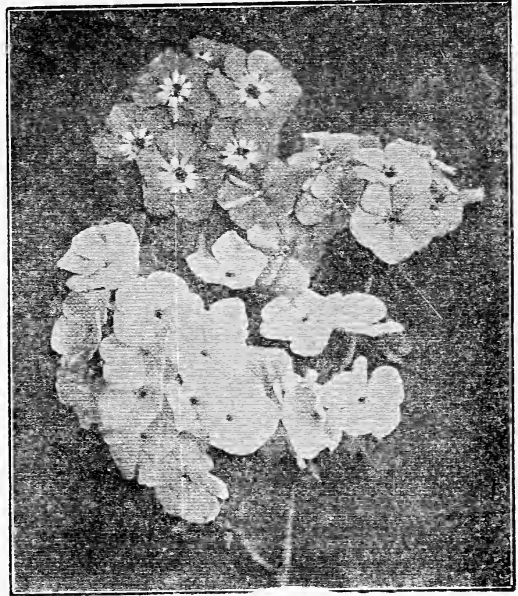
SOMETIMES called Rose Moss. Few flowers make such a dazzling display of color in the bright sunshine as a bed of Portulacas. The glossy cup-shaped single flowers and rose-like double flowers, about one inch across, range through many shades of red, white, pink, orange, yellow, striped, etc.

LARGE FLOWERING SINGLE MIXED—Price: Pkt., 5c; oz., 40c.

DOUBLE FINE MIXED—All colors mixed. Price: Pkt., 10c.



Portulaca



Phlox

PHYSALIS

(Chinese Lantern Plant)

FRANCHETI—An ornamental variety of the Winter-Cherry, forming dense bushes about 2 feet high, producing freely its bright orange-scarlet lantern-like fruits; highly interesting. Price: Pkt., 10c.

POPPIES

ANNUAL POPPIES should be sown as early in the Spring as possible where they are to remain, as they do not stand transplanting. Sow very thinly. If they come up too thickly they must be thinned out to stand 3 to 4 inches or more apart if you wish best results.

ADMIRAL POPPY—A single Paeony-flowered variety of surpassing beauty, having large, smooth-edged flowers of glistening white, with a broad band of brilliant scarlet around the top. Price: Pkt., 10c.

DANEBOEG; OR DANISH CROSS—Very showy variety, producing large flowers of brilliant scarlet, with a silvery-white spot on each petal, forming a white cross. Price: Pkt., 10c.

DOUBLE CARDINAL—Round as a ball, red as fire. The flowers are of very large size and finely fringed. In color it is a glowing cardinal scarlet. Height, 16 inches. h. A. Price: Pkt., 10c.

DOUBLE CARNATION-FLOWERED—Large, showy flowers. 2 feet. h. A. Mixed. Price: Pkt., 5c; ½ oz., 15c.

SHIRLEY-MIXED—This magnificent species sports to numberless shades of color, from pure white to rose pink, carmine and deepest crimson. h. A. Price, Pkt., 10c; ½ oz., 25c.

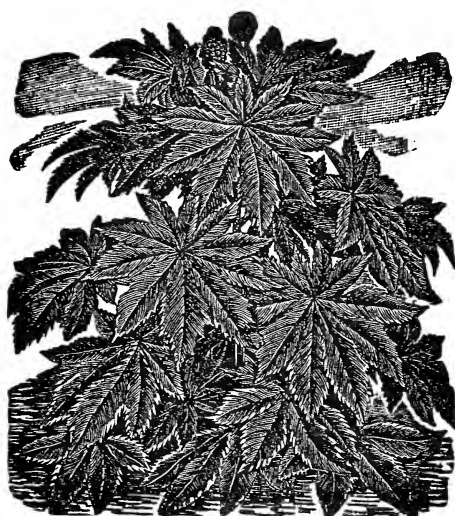
TULIP FLOWERED SCARLET—Large, bright scarlet flowers. The two outer petals of the flower form a tulip cup. Strikingly beautiful. About 1 foot. h. A. Price: Pkt., 10c.

HARDY PERENNIAL POPPIES

ORIENTAL POPPIES should be sown in early Spring in the open ground as soon as it is fit to work.

ICELAND MIXED—White, salmon, rose and orange, with yellow stamens. Petals delicately fringed. Dwarf. h. P. Price: Pkt., 10c.

ORIENTAL HYBRIDS—Large, showy flowers, ranging in color from orange-scarlet to crimson. Very brilliant. H. p. About 2½ feet. Price: Pkt., 10c.



Ricinus, or Castor Oil Plant.

RICINUS (Castor Oil Bean)

ORNAMENTAL plants of stately growth and picturesque foliage.

ZANZIBARIENSIS—Surpasses all in size and beauty of colors, which include glaucous-green, coppery brown, metallic red, brownish purple, red maroon and bronze; 8 to 10 feet. Price: Pkt., 5c; oz., 15c.

BORBONIENSIS ARBOREUS—The tallest of the Ricinus family. 15 feet. Price: Pkt., 5c; oz., 15c.

CAMBODGENSIS—A beautiful black-leaved specie, a handsome foliage. Price: Pkt., 5c; oz., 15c.

GIBSONI—Purplish leaves and stems. 6 feet. Price: Pkt., 5c; oz., 15c.

MIXED SORTS—Price: Pkt., 5c; oz., 15c.

RHODANTHE (Everlasting)

MIXED—Fine for outside border, or for greenhouse flowering during the Winter. Price: Pkt., 10c.

RUBECKIA (Golden Glow)

(Cone Flower)

NEWMANII—An effective, hardy, perennial sort, producing in masses during August and September brilliant orange-yellow flowers; 3 feet. Price: Pkt., 10c.

SALPIGLOSSIS (Painted Tongue)

AS POT plants they are elegant and for cut flowers for vase and bouquets they are unsurpassed. 2-3. H. H. A.

LARGE FLOWERING (Painted Tongue)—Yellow, rose, scarlet, light blue, purplish violet mixed. Price: Pkt., 10c.

SALVIA (Flowering Sage) H. H. A.

ONE of our most handsome Summer and Autumn-flowering plants, growing into compact bushes about 3 feet high. **AMERICA (Globe of Fire)**—A very pleasing, recent introduction which has become very popular. It being of a dwarf bushy habit, filling a want where other varieties attain too great a height. Plants grow about 15 inches high. Price: Pkt., 15c.

BONFIRE—Our well-known compact Salvia—the freest blooming of all, seemingly on fire all the time with dense flaming scarlet spikes. 2½ feet. Price: Pkt., 10c.

FIREBALL—The most compact type of Salvia yet introduced. Splendid for beds or borders, of somewhat dwarf habit. Price: Pkt., 15c.

SPLENDEN'S GRANDIFLORA, SCARLET—A rich-flowered bedder. 3 feet. Price: Pkt., 10c.

ST. LOUIS—This is one of the finest of the Scarlet Sages, growing on a compact bush 2 feet high by 2 feet in diameter. Price: Pkt., 15c.

ZURICH—A splendid dwarf variety, growing about 2 feet high, and is especially valuable on account of being the earliest to bloom. Price: Pkt., 15c.

POTENTILLA (Flowering Strawberry)

A BEAUTIFUL border plant; flowers from yellow to bright red. Leaves resemble strawberry plants. An unexcelled plant for border and naturalizing effect. 1 ft. h. P. Double sorts mixed. Price: Pkt., 10c.

PRIMULA (Primrose)

OBCONICA GRANDIFLORA—This is one of the most useful flowering plants. If sown early in the Spring the seedlings will commence to bloom in May or June and continue to flower throughout the whole year. h. P. Price: Pkt., 10c.

MALACOIDES—Best for florists. A fine house plant; flowers delicate lilac. Price: Pkt., 15c.

CHINENSIS (Chinese Primrose)—The culture of these lovely flowers is much easier than most people think. Our mixture includes all the choicest colors of the single flowering Primulas in all their dainty shadings. Large flowering and fern-leaved mixed. Price: Pkt., 25c.

HARDY PRIMROSE

THESE are among the best of the early Spring-blooming plants. With a slight protection they will stand the Winter, but will do better if protected by a cold frame.

AURICULA—Beautiful low-growing early Spring-flowering plants, fine for borders, pot culture, etc.; the fragrant flowers of many rich colors are borne in clusters on the top of stalks 4 to 6 inches long. Price: Pkt., 10c.

VULGARIS (English Primrose)—Canary-yellow, fragrant. Price: Pkt., 10c.

POLYANTHUS VERIS—Showy, early Spring, free-flowering plants; fine for either pot or outdoor culture; hardy perennials; 9 inches. Price: Pkt., 10c.

PYRETHRUM (Feverfew) 2, 3 h. A.

ROSEUM GRANDIFLORUM SINGLE MIXED—Flowers of enormous size, ranging in color from light pink and rose to deep carmine. Price: Pkt., 10c.

AUREUM (Golden Feather)—Yellow foliage. Price: Pkt., 10c.



Salvia St. Louis.

SCABIOSA

(Mourning Bride, Sweet Scabious, Pin-Cushion Flower, Etc.) FIRM favorites with many of our customers. Seed can be sown any time in the Spring after danger of frost is past. They grow about 2½ feet high, and come into bloom early in July, and continue without interruption until hard frost.

Pkt.	Pkt.
Crimson .....\$0.10	Lavender .....\$0.10
Black-Purple ..... .10	Snowball ..... .10
Rose ..... .10	Mixed ..... .10

CAUCASICA (Blue Bonnet)—One of the most handsome of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water; lilac-blue; 3 feet. **Price: Pkt., 10c.**

SCHIZANTHUS

LARGE-FLOWERED MIXED—As pretty as miniature Orchids. Exceedingly profuse bloomers. Forming compact pyramidal plants a foot high, literally covered with large beautiful orchid-like flowers in a bewildering range of colors. **Price: Pkt., 10c.**

SILENE (Catchfly) H. A.

VERY pretty dwarf plants, used mostly for borders; thriving in almost any common soil and easy of cultivation. 6 in. **Price: Pkt., 10c.**

SENSITIVE PLANT

(*Mimosa Pudica*)

A CURIOUS and interesting plant with pinkish white flowers; the leaves close when touched or shaken. 1½ feet. The favorite variety. 2-3; t. A. **Price: Pkt., 10c.**

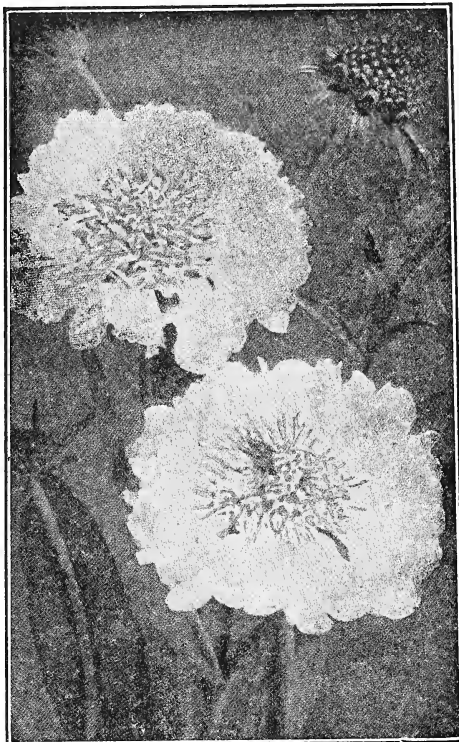
STOCK

SOMETIMES called Gilliflower. Considered almost indispensable where a fine display of flowers is wanted and particularly valued for edgings, bedding and pot culture. The improved varieties we offer of this favorite garden plant produce dense spikes of very fragrant and beautiful rosette-like double flowers in a wide range of attractive colors. They are suitable for cutting.

CUT-AND-COME-AGAIN

SPLENDID perpetual-blooming class; sown in March or April they begin flowering in July, continuing until frost, and are especially valuable during September and October, when other flowers are scarce.

Pkt.	Pkt.
Princess Alice—White..\$0.10	Creole—Creamy yellow..\$0.10
LaFrance—Rose ..... .10	May Queen — Delicate
Brilliant—Blood-red ... .10	Lilac ..... .10
Sapphire—Dark blue .. .10	Finest Mixed—All colors .10



Scabiosa.

DOUBLE FINE MIXED—The best for outdoor planting. **Price: Pkt., 5c.**

WINTER OR BROMPTON MIXED—Remove the plants indoors for Winter blooming. **Price: Pkt., 15c.**

MAMMOTH BEAUTY OF NICE STOCKS

A MAGNIFICENT recently developed strain of early flowering Winter or Brompton Stocks, forming much-branched plants about 2 feet high and having numerous spikes of very large, double, delightfully fragrant flowers; they are of special value as pot plants for greenhouse decoration and for cutting during the dull winter months.

Pkt.	Pkt.
Monte Carlo, canary yellow.....\$0.10	
Crimson King ..... .10	
Beauty of Nice, flesh pink..... .10	
Cote d'Azur, light blue..... .10	
Belle d'Naples, old rose..... .10	
Almond Blossom, white shaded pink ..... .10	
Mont Blanc, pure white..... .10	
Mixed ..... .10	

STATICE

SUWOROWI—H. P. Long panicles of small, light rose flowers, which if dried make nice Winter bouquets. **Price: Pkt., 10c.**

SMILAX

IN MANY respects the smilax is the most useful, and it is certainly one of the most graceful climbers. **Price: Pkt., 10c.**



Stocks.



Red Sunflower.

SWEET WILLIAM (Dianthus-barbatus)

EXTENSIVELY used in old-fashioned gardens; flowers borne in large clusters of most brilliant colors, and are fine for cutting.

PINK BEAUTY—In color it is what florists call watermelon-pink or salmon-rose. Strikingly brilliant and beautiful; the flowers are borne in massive heads on stems 18 inches high. **Price: Pkt., 10c.**

SCARLET BEAUTY—A very effective rich, deep scarlet variety. **Price: Pkt., 10c.**

HOLBORN GLORY—This strain is a large-flowered selection of the auricula-eyed section, the most beautiful and admired of all Sweet Williams. **Price: Pkt., 10c.**

Single Dark Crimson	Pkt.	.10
" White	Pkt.	.10

FINEST SINGLE MIXED—**Price: Pkt., 5c; ½ oz., 25c.**

DOUBLE MIXED—This mixture contains the finest colors. Impossible to find anything that can compare with it. **Price: Pkt., 10c.**

ANNUAL MIXED—The old favorite Sweet William, as all know, does not flower until the second year from seed, but this new type commences blooming in early Summer from Spring-sown seed. **Price: Pkt., 10c.**

SWEET ROCKET

(Hesperis)

OLD-FASHIONED garden plant, and among the most desirable of hardy flowers; grows from 2 to 3 feet high. h. P. Fine mixed. **Price: Pkt., 10c.**

STOKESIA (Corn Flower Aster)

HIGHLY valuable for cutting, supplying a shade of coloring not overly plentiful at any season of the year.

CYANEA (Blue)—The earliest and best sort. h. P. **Price: Pkt., 10c.**

CYANEA (White) **Price: Pkt., 10c.**

SUNFLOWER (Helianthus)

FAR superior to common Sunflowers. The large, rich golden yellow flowers are produced on each branch. Makes a beautiful hedge. h. A.

GOLDEN BALL—A beautiful large double variety. **Price: Pkt., 10c.**

DWARF DOUBLE—Similar to the above variety, only of a dwarf nature with variegated leaves. **Price: Pkt., 5c.**

SINGLE FLOWERING SORTS

THE single Sunflowers are indispensable for cutting. Sown on a sunny spot in April or May, they come into bloom early in Summer.

RED—This new Sunflower, we believe it to be a novelty of real merit, and feel sure it will come into general use. Planted a border or in front of taller shrubbery or along a wall, they are very showy. **Price: Pkt., 10c.**

STELLA (Improved Miniature Sunflower)—Differs from the above by its large and better formed flowers of the purest golden yellow, with black disc. **Price: Pkt., 10c.**

SOLANUM (Jerusalem Cherry)

THIS is a very useful pot plant for Winter decoration. It is of the dwarf branching habit; leaves small and oval shaped, bearing in the greatest profusion bright, scarlet, globular berries. Very ornamental. 1 foot. 2-3. t. A.

CAPSAICSTRUM XANUM—A beautiful decorative variety. **Price: Pkt., 10c.**



Sweet William.

ST. LOUIS SEED COMPANY'S SPENCER OR BUTTERFLY SWEET PEAS

Our Spencer Sweet Peas are carefully grown by experienced men from selected Stock Seed, and better seed cannot be grown in this country than the stocks supplied by St. Louis Seed Co.; send us your order and try them yourself.

THE Spencer Waved Sweet Pea is a distinct advance in the development of the Sweet Pea. No modern garden is complete without this grand type. The chief characteristic of the Spencer Sweet Peas is their robust growth, plants frequently attaining a height of 6 to 10 feet, requiring a foot of space in the row for each plant to fully develop. The flowers are gracefully formed; both standard and wings are larger than in the Grandiflora type, flowers often measure 2 to 2½ inches in diameter and are borne on stems 18 inches long, with four blooms. We have listed below all varieties of the Spencers that we catalogue.

	Price	
	Pkt.	Oz.
AFTERGLOW —Bright violet standards shaded rosy amethyst, wings paler blue; waved	\$0.10	\$0.25
APPLE BLOSSOM SPENCER —Standard rose, wings light carmine .....	.10	.25
ASTA OHN SPENCER —Soft pinkish lavender .....	.10	.25
CONSTANCE HINTON —This is decidedly the best black-seeded, white-flowered variety in cultivation. The flowers are of largest size, best Spencer form, and usually produce in fours on long stout stems .....	.10	.25
FIERY CROSS —Intense orange scarlet .....	.10	.25

	Price	
	Pkt.	Oz.
AURORA SPENCER —White ground, striped and flaked orange-pink	\$0.10	\$0.25
BLANCHE FERRY SPENCER —Standards rose, wings white .....	.10	.25
COUNTESS SPENCER —Bright shade of pink .....	.10	.25
DOBBIE'S CREAM —Deep cream or primrose colored, nicely waved flowers .....	.10	.25
FLORA NORTON SPENCER —Bright blue, slight purple tint .....	.10	.25
FLORENCE NIGHTINGALE —The color is of a charmingly soft, clear rich lavender, which is enlivened by a very faint sheen of rose-pink .....	.10	.25

HERCULES —A flower of great substance and exquisite size, and beautifully waved. The color is a magnificent, soft rose-pink self .....	.10	.25
HELEN LEWIS SPENCER —Fine orange-salmon-pink .....	.10	.25
ILLUMINATOR SPENCER —A very pleasing color; ground of salmon, with rich bright cerise-pink. Flowers of excellent texture and size. A beautiful new creation .....	.10	.25
KING EDWARD SPENCER —A pure red Spencer. Special strain .....	.10	.25
KING WHITE SPENCER —The finest pure white Sweet Pea ever offered. The vines are extremely strong, flowers the largest of the finest frilled type .....	.10	.25
MRS. CUTHBERTSON SPENCER —Standard clear rose-pink, wings white, with faint blush of pink .....	.10	.25
OTHELLO —Of immense size, rich maroon .....	.10	.25
PRIMROSE SPENCER —The finest of its class, clear primrose color, fine large wavy standard and wings white seeded .....	.10	.25
ROSABELLE SPENCER —Attractive; rose-crimson color with a distinct white blotch at the base of the standard and wings; perfect form; very much waved .....	.10	.25
ROYAL PURPLE SPENCER —A new shade in Sweet Peas, a rich purple and almost a true royal purple .....	.10	.25
THE PRESIDENT —The flowers are large size, it is a brilliant glowing scarlet ..	.10	.25
WHITE SPENCER —Splendid uniform white .....	.10	.25
WEDGEWOOD SPENCER —Producing usually four flowers to a stem, of unique shade of Wedgewood blue ..	.10	.25
ST. L. S. CO. SPENCER MIXTURE —These include the best of the “Spencer” varieties introduced previously to this year and also entirely new shades .....	.10	.15

¾ lb., 50c; 1 lb., \$1.75.



ST. L. S. CO'S "NOVELTY" COLLECTION

The greatest bargain ever offered in Sweet Peas. Ten big packets of the famous Spencer Varieties and Cultural Leaflet on Growing Sweet Peas mailed, postpaid, for 50c.

If you care at all for these pretty flowers, do not fail to save a place in your garden for our "Novelty" collection of Spencers. The cultural directions with each collection give full explanation how to grow these flowers to perfection. Include one of these collections with your next order. Price: 10 pkts., 50c, postpaid.

SWEET PEA COLLECTION

Of Grandiflora Varieties

ELEVEN packets of Grandiflora, Unwin and Cupid varieties of Sweet Peas for 25 cents is a rare bargain. While these varieties have not won the popular favor that the Spencer varieties have, yet they are very beautiful and you are sure of excellent results.

11 Packets, 11 varieties 25c
SUPERB MIXED GRANDIFLORA—All colors. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.25.

CUPID VARIETIES

COMPACT, dwarf plants, 7 inches high, covering a circumference of about 18 inches, covering the ground like verbenas. Fine for low beds and pot culture.

MIXED—Different colors. Price: Pkt., 10c; oz., 15c; ¼ lb., 50c.

THUNBERGIA

MIXED (Blackeyed Susan)—Handsome foliage and flowers. Used for a screen or basket. 1-2. hh. A. 6 ft. Price: Pkt., 10c.

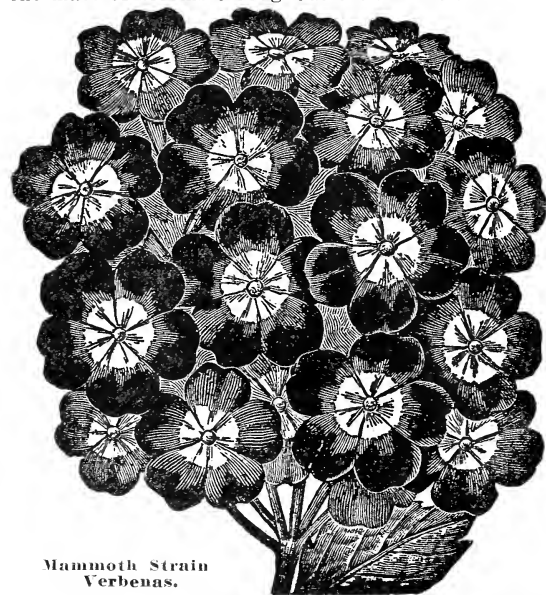
PERENNIAL PEAS

LATHYRUS LATIFOLIUS (Perennial, or Everlasting Pea). A hardy perennial climber, flowering the first year if seed is sown in the fall. Leaves and stems smooth. Flowers resemble sweet peas, but are borne on strong stems, with eight to ten blossoms to the stem.

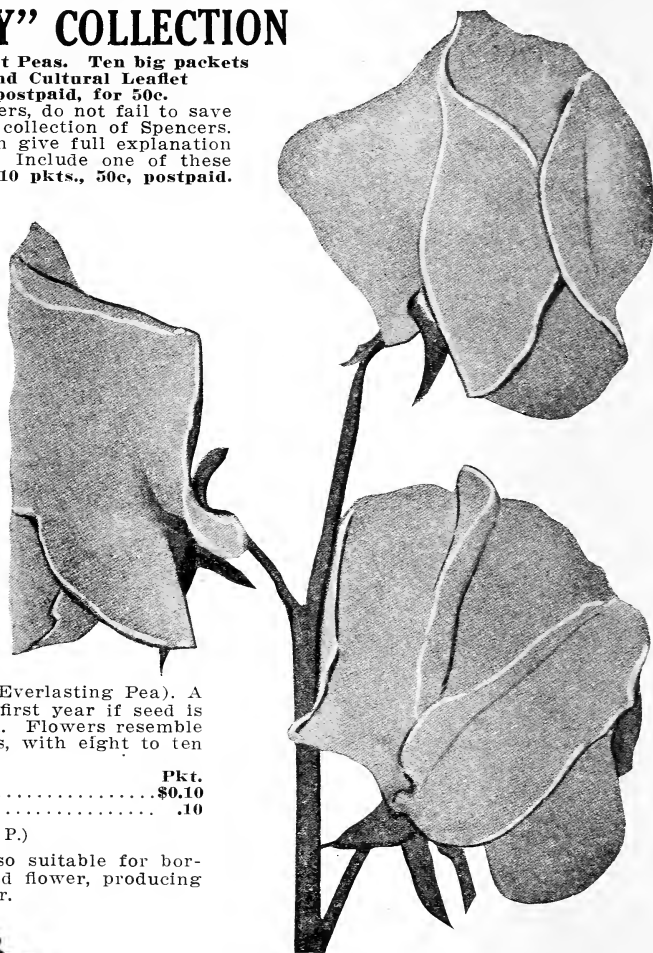
	Pkt.		Pkt.
Pink	\$0.10	Red	\$0.10
White .....	.10	Mixed .....	.10

VERBENA (hh. P.)

ONE of the finest bedding plants and also suitable for borders, with its heads of brilliant colored flower, producing one mass of blooms throughout the Summer.



Mammoth Strain
Verbena.



MAMMOTH VERBENAS

WE HAVE been carefully selecting and improving this fine strain of Verbenas for years, and can recommend it as the very best procurable. The trusses and individual flowers are of the largest size, of brilliant colors, free-blooming and of vigorous habit. For best and quickest results seed should be sown early in the house or hotbed, and transplanted to flowering quarters in May. If sown outdoors in May, it blooms from the end of July on. Verbenas are better grown from seed than from cuttings, being more vigorous and not liable to disease.

ST. L. S. CO'S MAMMOTH—	Pkt.
Scarlet	\$0.10
Blue Shades .....	.10
Pink—Deep pink .....	.10
White—Pure white .....	.10
Lutea Yellow .....	.10
Purple Mantle .....	.10
Mixed—Finest colors	½ oz. 75c .10

GREAT FLORAL CLOCK MIXTURE—This splendid new variety is a very dwarf, compact growing Bush-Verbena, with large trusses of all fine colored flowers, in shades previously unknown in this class. Excellent for dwarf beds and borders. Price: Pkt., 15c.

FINE MIXED—All in good colors. Price: Pkt., 5c; 1 oz., 50c.

VINCA

(Madagascar Periwinkle)

THE Vincas are among our most satisfactory bedding plants; they are very ornamental and bloom freely from early Summer until destroyed by frost. t. P.

Rosen—Fine rose color	Pkt. \$0.10
Rosen Alba—White, rosy eye .....	.10
Alba Pura—Clear, pure white .....	.10
All Colors, Mixed .....	.10

VIOLETS (Sweet Scented)

VIOLA ODORATO (Semperflorens)—Is the well-known English Violet, a free-flowering hardy perennial. May be grown from seed. Succeeds best in a partially shaded, moist place. h. P. Price: Pkt., 10c.

VIRGINIA STOCK

CHARMING dwarf annuals, with bright-colored flowers, making the garden gay in early Summer. $\frac{1}{2}$ foot. h. A. MIXED—Price: Pkt., 10c.

VISCARIA

VERY free-blooming annuals, closely allied to the Lychnis; foot high, flowers, single, pink. MIXED—Containing about six different colors, some with dark eyes. Price: Pkt., 10c.

WAHLENBERGIA

See Platycodon. Page 57.

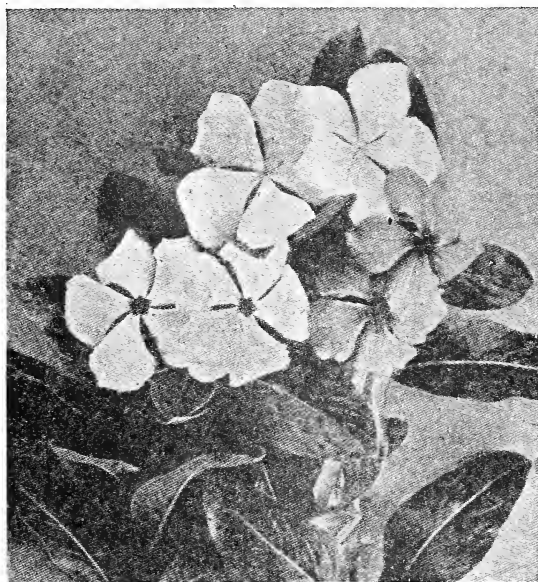
WALL FLOWER

A BEAUTIFUL hardy perennial of exquisite coloring, producing long, showy spikes in abundance. h. P.

EXTRA EARLY PARISIAN—Blooms in August and continues until checked by frost; magnificent golden yellow single flowers on long spikes; deliciously fragrant. Price: Pkt., 10c.

DOUBLE MIXED Price: Pkt., 10c.

SINGLE MIXED 1 foot Price: Pkt., 10c.



Vincas

WILD GARDEN FLOWER SEED

UNDER this heading we offer a mixture of the easiest and surest growing kinds that can be sown broadcast, and with little or no care will produce a bright effect in places that would otherwise be nothing but a collection of unsightly weeds, and furnishing an abundance of flowers for cutting. Price: Pkt., 10c; $\frac{1}{2}$ oz., 25c.

WILD CUCUMBER

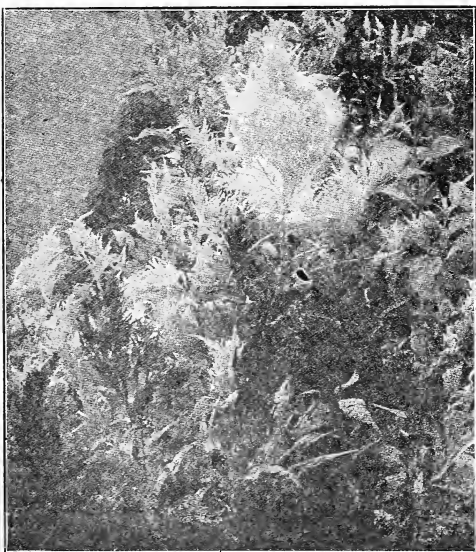
WILD CUCUMBER—Rapid-growing annual climber. Has beautiful leaf and pretty fragrant white flowers. Price: Pkt., 5c; $\frac{1}{2}$ oz., 10c; oz., 15c.

WOOLFLOWER—CHINESE

THIS novelty was introduced several years ago and has proved a great success everywhere. There is not the slightest doubt but that it is the most magnificent garden annual ever introduced. Its ease of culture and long continued season of bloom (early July until frost), together with its massive bunches of wool-like flowers and glowing color combine to make it the showiest as well as the most odd and novel flower of most any garden.

Plants grow two to three feet high, the bloom starting early with a central head, round and globular, which often reaches the immense size of two feet in circumference. Scores of branches are thrown out, each bearing a ball of scarlet wool, but not so large as the central one. All these branches support numerous laterals with small heads of bloom mixed with fresh green foliage, so that a plant looks like an immense bouquet splendidly arranged and set in the ground. None of the blooms fade in any way, until hit by frost; but all continue to expand and glow with a deepening richness of color, a deep crimson scarlet.

Start seed, if convenient, under glass about four weeks before time to transplant to the garden. If the little plants remain too long in pots or seed-beds, they will begin to set bloom, which is not desirable. Transplant to the garden soon as danger of frost is past. Price: Pkt., 10c.



Woolflower—Chinese.

GIANT ZINNIAS

(YOUTH AND OLD AGE)

ONE of the most popular and most extensively used of all our hardy annuals. The following list comprises a very choice strain of large variety and of the most brilliant colors. Requires but little attention will grow in any good garden soil. If sown in gentle heat in March, will flower latter part of June and continue until killed by frost.

DAHLIA-FLOWERED GIANT DOUBLE—

These flowers have a very marked distinction from the ordinary giant-flowering class, being of a true Dahlia-flowering type, and when cut from the plant and placed by Dahlias it is difficult to distinguish one from the other. Of easy culture, very large flowers, free bloomers; should be a close rival to the Dahlia. Mixed Colors—Price: Pkt., 15c.

DWARF DOUBLE

THIS we consider the best Zinnia for general use, forming bushy, compact plants not over 2 feet high, and bearing large perfect double flowers in good clear distinct colors. The salmon-rose variety is especially effective. Mixed. Price: Pkt., 5c.



Giant Mixed Zinnia

ST. LOUIS SEED COMPANY'S GIANT DOUBLE ZINNIAS

(Giant Zinnia)

THIS mammoth strain has produced excellent results to hundreds of customers who have grown it with great success.

The plants are of exceedingly robust habit.

The flowers are borne on long, stiff stalks, of a semi-globular form, are mostly very double, and, together with their immense size, produce a very marked effect.

The flowers, as the illustration will indicate, measure from five to six inches across, this being by no means unusual. Zinnias being a very popular flower for bedding and old-fashioned gardens, and also of special value for cutting purposes, these new colors cannot but make a valued addition to our already standard varieties.

	Pkt.
Mammoth Double Purple	\$0.10
Mammoth Double Scarlet—very bright .....	.10
Mammoth Double Red .....	.10
Mammoth Double White .....	.10
Mammoth Double Golden Yellow....	.10
Mammoth Double Rose Shade.....	.10
Mammoth Double Burnt Orange....	.10
Mammoth Double Orange .....	.10
Mammoth Double Buttercup .....	.10
Mammoth Double Salmon Pink.....	.10
Mammoth Double Mixed all Colors, ½ oz., 50c .....	.10

CURLED AND CRESTED—The petals of this beautiful strain are twisted, curled and crested into the most fantastic and graceful forms. The colors comprise all the brilliant shades characteristic of the Zinnia. Mixed—Price: Pkt., 10c.



Dahlia Flowering Double Zinnia

HARDY EVERBLOOMING FIELD-GROWN ROSES

Our Hardy Dormant Roses are ready for delivery from the first of March until the fifteenth of April.

By Parcel Post, add 5c for Postage.

THIS class of Roses are continuous bloomers the entire Summer, but are not entirely hardy in this section, and should be protected during the Winter months with a covering of straw or any handy material. To obtain the best results, in addition to the covering of the tops, protect around the roots with 5 to 6 inches of well-rotted manure. This will give added strength to the plants, and additional bloom the following Summer.

SOIL—Roses delight in a clay loam, enriched with well-rotted barnyard manure. Dig up the soil thoroughly to a depth of 12 to 15 inches, pulverize well; do not raise beds above the level of the surrounding soil. Soak the bed occasionally during the Summer with weak manure water.

J. B. CLARK (H. P.)—Brilliant crimson with intense scarlet lights on the upper surfaces. In size, form, color and texture it stands supreme in its color. It is very fragrant, a vigorous grower, fine foliage. **Price: Each, 65c; doz., \$7.25.**

COLUMBA—This beautiful Rose has not only become one of the most popular winter cut flowers, but has also proven itself one of the best bedding or garden varieties. It is of strong, vigorous habit of growth and exceptionally free-blooming. The flowers, which are of good size, are perfect in form, both in bud as well as when fully expanded. In color it is a most pleasing shade of rose-pink and delightfully fragrant. **Each, 75c; doz., \$8.50.**

CRUSADER (Montgomery, 1920)—A big, strong growing variety, robust and rugged in every characteristic; the growth is heavy and the flower stems strong and heavy. It is free flowering, and the blooms are big and double, and in color a rich velvety crimson. A free flowering red Rose that is a wonder. **Each, 75c; doz., \$8.50.**



CAROLINE TESTOUT—One of the most popular and valuable bedding varieties; large, full, globular flowers of bright satiny-rose, with brighter center; very free and fragrant. **Price: Each, 65c; doz., \$7.25.**

HUGH DICKSON—A new hybrid perpetual of the highest order. Awarded gold medal by the National Rose Society. Flowers are large, full and perpetual; color brilliant crimson, shaded with scarlet. **Price: Each, 65c; doz., \$7.25.**

ETOILE de FRANCE—Velvety garnet-red cup, with center of vivid cerise. Flowers very large and full, with marked imbrications. Fragrance and sturdy growth especially recommend it as a garden Rose. **Price: Each, 65c; doz., \$7.25.**

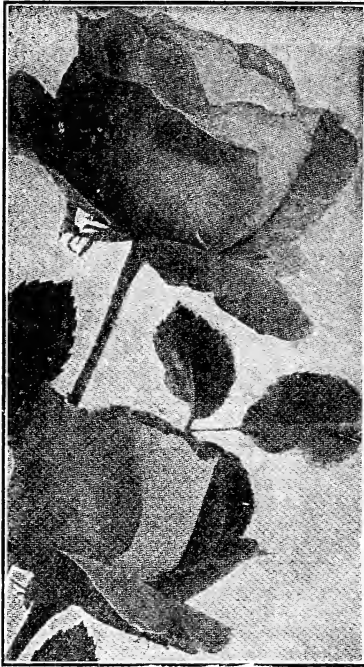
FRAU KARL DRUSCHKI—Undoubtedly the finest pure white Rose in existence. Color a pure snow white, very long buds, shell-shaped petals opening to very large flowers. A continuous and exceedingly free bloomer. **Price: Each, 65c; doz., \$7.25.**

GEN. JACQUEMINOT—An old favorite. It is superb in bud, and its large flowers are bright scarlet-crimson, but not very double. Blooms quite freely in Autumn. **Price: Each, 65c; doz., \$7.25.**

GRUSS AN TEPLITZ—This grand Rose has proved one of the best and most valuable Hardy Crimson Ever-blooming Roses for garden planting. The color when first opening is a very dark, rich crimson; as the flower opens it discloses bright scarlet, shading to velvety, fiery red. The flowers on well grown and established plants are large and full, very showy and handsome. **Price: Each, 65c; doz., \$7.25.**



ROSES—Continued



Paul Neyron.

KAISERIN AUGUSTA VICTORIA—A splendid white rose, with large, long pearly white buds; slightly tinted with lemon. The flowers are large and full and are held on long, strong stems. It is a strong grower and has excellent foliage. **Price: Each, 65c; doz., \$7.25.**

LA FRANCE—One of the oldest Hybrid Teas. The flowers which are large and globular are silvery-white on the inside and soft lilac-rose on the outside. **Price: Each, 65c; doz., \$7.25.**

MAGNA CHARTER—This grand old favorite has not been superseded by any variety in its class of this color. Bright, deep pink. One of the hardiest and finest of all garden Roses; large and attractive. Hardy and healthy. **Price: Each, 75c; doz., \$8.50.**

MAMAN COCHET PINK—Called by some the Queen of all Pink Garden Roses, as it is one of the handsomest in our whole list. Its large, full and firm buds show wonderful depth and richness of color as they open into very large, perfectly double flowers of splendid substance. A clear, rich pink, changing to silvery rose. **Price: Each, 65c; doz., \$7.25.**

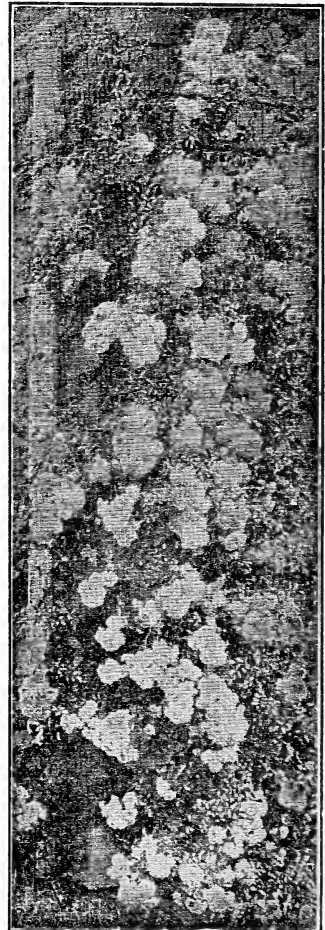
J. L. MOCK—One of the best bedding varieties. The flowers, which are produced with the greatest freedom on long stiff stems, are of large size and of perfect form, of a deep imperial pink, the outside of the petals silvery-rose white. **Price: Each, 65c; doz., \$7.25.**

MADAME CHARLES WOOD (E. Verdier, 1861)—Bright cherry-red; extremely free bloomer. A grand garden rose. **Price: Each, 65c; doz., \$7.25.**

MAMAN COCHET WHITE—A duplicate of its parent, the well-known and justly popular Maman Cochet, except in the color of its flowers, which are creamy white tinged on the edge of the petals with pink. The finest white rose for growing out of doors. **Price: Each, 65c; Doz., \$7.25.**

PAUL NEYRON—Flowers of immense size, often five inches in diameter. Color deep, clear rose, very fresh and pretty. The plant is a strong, healthy grower, with glossy foliage. **Price: Each, 75c; doz., \$8.25.**

RADIANCE—An American Rose and a good one. The large, finely formed flowers are crimson rose and very brilliant. A free and constant bloomer and a sturdy growing plant. A splendid forcing Rose and a superb variety for the garden. **Price: Each, 65c; doz., \$7.25.**



Crimson Rambler.

HARDY CLIMBING ROSES

Roses sent by Express.

DESIRABLE for covering trellises, walls or porches, as they succeed under any circumstances. Perfectly hardy, blooming in clusters of medium sized flowers.

CRIMSON RAMBLER—Have you a fence or tree stump to cover, or a veranda or trellis? Try a Climbing Rose—there's nothing better for covering it and nothing prettier. None is more popular than the **CRIMSON RAMBLER**. It makes vines 10 to 12 feet high after the first year, and a mass of flowers. **Price: Each, 65c.**

CLIMBING AMERICAN BEAUTY—A Rose of great merit. A cross between American Beauty and an unnamed seedling; color a rosy crimson. The plant is of strong habit of growth, making shoots of ten to fifteen feet in one season, and as hardy as an oak. The flowers are from three to four inches in diameter, of fine form, and are produced in great profusion, not only in May and June, but there is a fair sprinkling of flowers throughout the growing season. **Price: Each, 90c.**

DOROTHY PERKINS or PINK RAMBLER—A seedling of the famous Crimson Rambler. Blooms in clusters of from 8 to 25 flowers each, of a delicate rosy pink shade, suffused salmon and yellow at the base. **Price: Each, 60c.**

EXCELSA—A distinct variety in form, color and habit. A vigorous grower. The foliage is dark glossy green. Flowers very double, produced in large trusses, thirty to forty on a stem. The color is intense crimson maroon; points of the petals tipped with scarlet. **Price: Each, 60c.**

TAUSENDSCHOEN—“A thousand times beautiful,” is not overestimating the beauty of this new and distinct Rambler. The individual flowers are very large for this type of Rose, being fully 2 to 3 inches across, and of decidedly graceful form. Opening flowers pink, rosy carmine when expanded; are produced in large trusses of from ten to fifteen flowers. **Price: Each, 60c.**

HARDY ORNAMENTAL SHRUBS

Ready for shipment from March 1st to April 10th.

NOTE—Shrubs will be shipped on receipt of orders or as soon as they can be dug, unless instructed to the contrary, and can only be sent by Express, at Purchaser's expense.

THE use of shrubbery adds materially to the beauty and attractiveness of the home grounds or perhaps shrubs combined with shade trees, with some conception as to the effect to be produced in future years, is a matter to be considered by everyone who wishes to complete the picturesque of a villa residence or country home. Shrubs around a house hide unsightly corners, and the hard straight lines of the architecture; or grouped at a distance, by the sides of walks, carriage drives, and fences, they break what might be a monotonous line of vision over bare lots, and give a tone of privacy to the home surroundings. Everywhere one can find places that will suggest their use, and when in flower, or adorned with their bright and varied foliage, their charm and beauty will be appreciated from early spring until late fall when most of them display their brightest colored leaves, to be followed by the red berries of many during the winter months. Those who are not well acquainted with varieties and are doubtful as to what to plant, we shall be glad to help in selecting, and make suggestions for grouping, for all sites and purposes.

ORNAMENTAL VINES

AMPELOPSIS VEITCHII

If sent by
mail add
5c per vine

(Sometimes called "Boston Ivy" and "Japan Ivy")

ENTIRELY hardy in the exposed places, attaining a height of 20 to 30 feet in two or three years, clinging to stones, brick or wood work with the greatest tenacity. It is a great protection to houses, as the leaves, lapping over each other like slates on a roof, effectually prevent rain from penetrating the walls. For covering dead trees, boundary walls, etc., it has no equal. Beautiful Autumn foliage. **Price: Strong two-year plants, Each, 40c; 10 for \$3.75.**

CLEMATIS

THE Clematis we offer this season are exceptionally fine, strong 2-year-old plants. We have reduced the number of varieties to such sorts as, from experience, we know to succeed best in our climate.

HENRYII, LARGE WHITE—A pure white large-flowering variety, of fine form, and recognized as by far the finest of the single white sorts. **Price: Each, 50c.**

MADAME EDOUARD ANDRE—Flowers large, of a beautiful bright velvety red, very free-flowering. **Price: Each, 50c.**

JACKMANI—The best known and most valued large flowering variety of this popular family. A perfect mass of bloom when in full flower. Color, dark, rich, royal purple. **Price: Each 50c.**

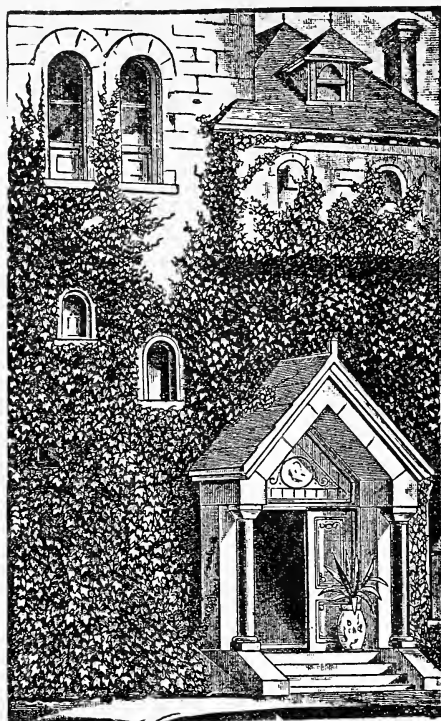
CLEMATIS PANICULATA

(The Fleecy-White Fragrant Clematis)

THIS grand climbing vine is one of the most valuable ever sent to us from Japan. Blooms in the early Fall and is one mass of fleecy-white, fragrant flowers. These are succeeded by the silken seed vessels almost as ornamental as the flowers. It will grow 15 to 20 feet in a season, it is insect-



Hall's Japan Honeysuckle.



Ampelopsis Veitchii.

proof, it is perfectly hardy, it adapts itself to all situations, thrives everywhere, and need only be seen to be admired. **Price, strong two-year plants, Each 40c; 10 for \$3.75.**

HONEYSUCKLE

(Climber)

HALLIANA (Hall's Japan Honeysuckle)—A strong, vigorous, almost evergreen sort; white flowers changing to yellow; very fragrant; flowering from July to December; holds its leaves nearly all winter. Extra-selected plants. **Price: Each, 60c.**

SCARLET TRUMPET HONEYSUCKLE—This and its varieties are the handsomest in cultivation. It is a strong, rapid grower and produces scarlet, inodorous flowers. **Price: Each, 60c.**

BUSH HONEYSUCKLE

LEBERBOURI ROSEA (Bush)—Pink flowers, which contrast beautifully with the foliage; scarlet berries. **Price: Each 50c.**

WISTERIA

A BEAUTIFUL hardy climber, will grow in one season about 20 feet high; flowers in clusters pale blue.

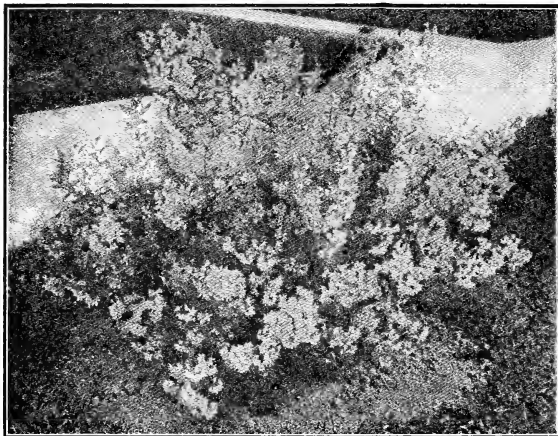
W. SINENSIS (Chinese)—Flowers in clusters; pale blue; sometimes gives a second crop of flowers in the Fall. Strong plants. **Price: Each, 65c.**

W. SINENSIS ALBA—Of similar habit to sinensis, with pure white flowers. Strong plants. **Price: Each, 65c.**

CHOICE HARDY SHRUBS

Ready for shipment from March 1st to April 10th.

NOTE—Shrubs will be shipped on receipt of orders or as soon as they can be dug, unless instructed to the contrary, and can only be sent by Express, at purchaser's expense.



Deutzia.

DEUTZIA

VERY ornamental and popular shrubs with showy white or blush flowers appearing in tassel-like clusters in Spring or early Summer. Slender, arching branches.

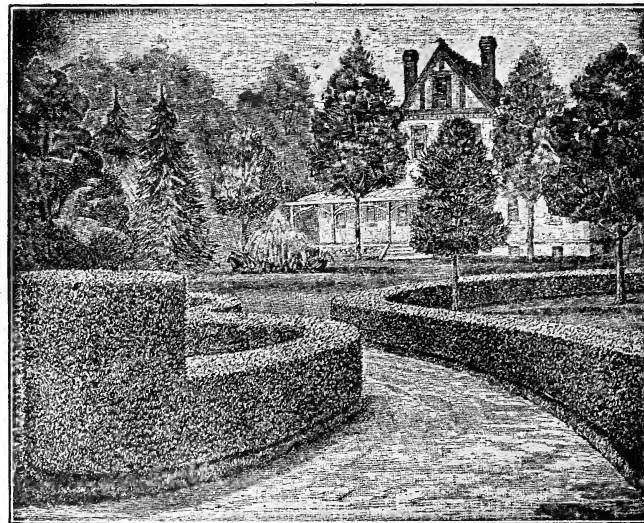
PRIDE OF ROCHESTER—Grows to 6 feet. Blooms in May in advance of the others. With very large, double white flowers. Price: Each, 60c; 10 for \$5.50.

DEUTZIA CRENATA (Double Pink Deutzia)—A tall shrub usually 6 to 8 feet high with numerous upright branches. Leaves dull green, rough on both sides, 2 to 3 inches long. Flowers double, pink. Price: Each, 60c; 10 for \$5.50.

FORSYTHIA

FORSYTHIA FORTUNEI—Strong, erect habit, bright golden-yellow flowers in early Spring. Price: Each, 60c; 10 for \$5.50.

SUSPENS A (Weeping Golden Bell)—A tall shrub of willowy growth, the branches gracefully arching, covered with golden-yellow bells in early Spring. Price: Each, 60c; 10 for \$5.50.



California Privet.

ALTHEA

HIBISCUS—(Rose of Sharon)

THIS has become one of the most popular flowering shrubs, coming in flower, as it does, in July or August, when few shrubs are in bloom. The entire plant is covered with beautiful double flowers, which, at a distance, look like roses. They make a very pretty flowering hedge. Three-year-old plants. About three feet high.

	Each	10 for
Red	\$0.60	\$5.50
Pink .....	.60	5.50
White .....	.60	5.50

CALYCANTHUS

C FLORIDUS—A well-known native bush, bearing very double, purple, fragrant flowers. Fine and glossy foliage; pineapple-scented, chocolate-colored flowers all Summer; leaves dark green above and pale grayish beneath, a favorite shrub. Price: Each, 60c; 10 for \$5.50.



Forsythia.

HEDGE PLANT

THE demand for hedge plants increases rapidly in all communities, especially in the older communities where they have disposed of the various kinds of fences surrounding and dividing one party's buildings from another. Hedges in the rear of town lots, along the alley, are being planted more and more as their beauty and utility become known.

CALIFORNIA PRIVET—Of all the shrubs which have been tried for hedging, none can compare with this. Of easy growth and splendid foliage, free from insects. Its inexpensiveness alone would give it first place for the purpose. It is now planted by the million annually. It is of free growth, and succeeds under the most adverse conditions, such as under dense shade of trees, where other plants would not exist. Price: 18 to 24 inches high, 10 for \$1.25; 20 for \$2.00; 50 for \$4.25; 100 for \$8.00.

BARBERRY THUNBERGIA — Perfectly hardy. Will make a dense hedge from 3 to 4 feet high, which will always remain symmetrical without any pruning. Bears large, nearly round, crimson berries, which remain on plants all winter. Foliage colors beautifully in autumn. Compact, low-growing, especially suitable for a hedge or as a border along walks and drives. Price: 10 for \$4.50; 100 for \$33.00.

HYDRANGEA PANICULATA GRANDIFLORA

THIS is one of the most hardy shrubs in cultivation. It attains a height of 3 to 4 feet, and is perfectly hardy in all parts of the country. The flowers are white, borne in immense pyramidal panicles nearly a foot in length. It commences flowering in July and continues until November. 3 to 4 feet. **Price: Each, 70c; 10 for \$6.50.**

LILAC OR SYRINGA

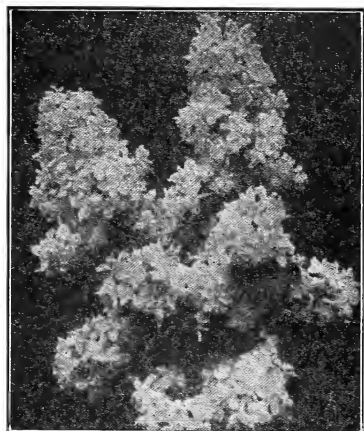
LILACS (Syringa)—Lilacs stand more neglect, heat or drought without showing any bad effects, than any other plant, and there is hardly any other shrub that can take their place.

LARGE PURPLE—Very free bloomer of large flowers; an excellent variety; 3 to 4 feet. **Price: Each, 65c; 10 for \$6.00.**

LARGE WHITE—Free bloomer, **Price: Each, 65c; 10 for \$6.00.**

SNOW BALL

ONE of the most handsome bushes for the yard, known as Snowball Tree; of large size, with globular clusters of pure white flowers, blooming latter part of May; admired by home lovers everywhere; 3 to 4 feet. **Price: Each, 60c; 10 for \$5.50.**



Lilac—Syringa.

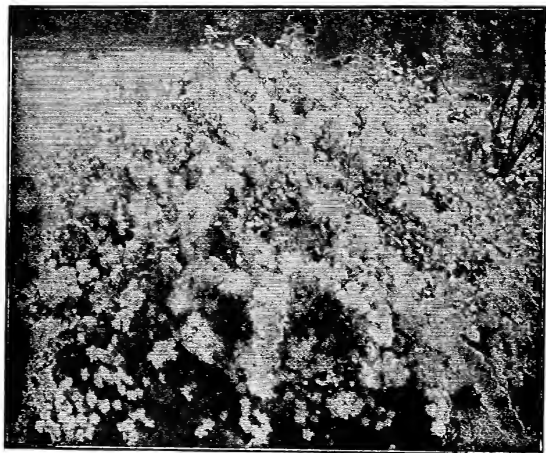
SPIRAEA

ANTHONY WATERER—A valuable and distinct variety; color bright crimson; it is of dwarf, dense growth, never exceeding 30 inches in height; in bloom the entire summer and fall. **Price: Each, 50c; 10 for \$4.50.**

VAN HOUTTE—The grandest of all the Spiraeas. It is a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, the foliage hardly showing. An early bloomer, 2 to 3 feet high. **Price: Each, 50c; 10 for \$4.50.**

THUNBERGII—One of the first Spiraeas to bloom. Dwarf habit and graceful form; flowers small, white and very early spring blooming. Very beautiful when in bloom. **Price: Each, 50c; 10 for \$4.50.**

Shrubs Sent by Express Only.



Spiraea Van Houtte.

SYRINGA OR MOCK ORANGE

PHILADELPHUS—For grouping with other shrubs, forming large screens or hedges which may not require pruning, or used as single specimen lawn plants they are desirable. Fragrant, pure white flowers, in dense clusters so numerous as to bear the branches down when flowering. **Price: Each, 60c; 10 for \$5.50.**

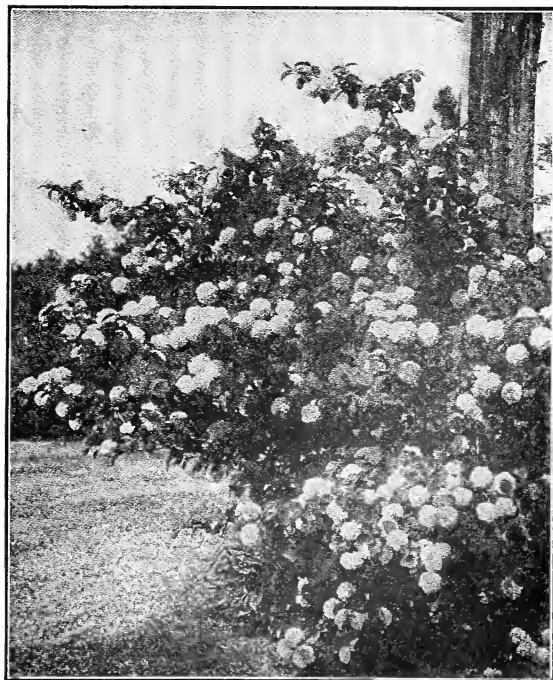
TAMARIX (Tamarisk)

STRONG, slender, tall-growing, irregular Shrubs, with feathery foliage and small, delicate flowers, borne profusely on gracefully-bending branches. These pink flowers are very attractive during May. **Price: Each, 60c.**

WEIGELIA

CANDIDA—Of vigorous habit, flowers pure white and produced in great profusion in June, and continue to bloom at intervals through the Summer. **Price: Each, 60c; 10 for \$5.50.**

EVA RATHKE—A charming new Weigelia, flowers brilliant crimson; a beautiful, distinct, clear shade. **Price: Each, 60c; 10 for \$5.50.**



Snowball or Viburnum.



ORCHID or LARGE-FLOWERING CANNAS

Ready for shipment during March and April.
By Parcel Post, add 5c doz. postage.

OF ALL summer bedding plants, Cannas are the tallest and bulkiest, and furnish the widest range of colors. Their foliage is of noble proportions, making a full compact mass which serves to conceal the ground or background, and is of itself attractive in rich shades of green, bronze, red and chocolate. The surmounting flower trusses are uniformly large and free, brilliant with most of the colors and combinations known among flowers.

Massed plantings in one color are recommended as being most effective; but many beautiful and striking combinations of colors may be arranged.

PLANTING DIRECTIONS.

DORMANT Canna roots may be started indoors during March or April, but should not be set out until the weather is settled and the ground warm, usually May or June in this latitude. When planting dormant roots, do not set too deep. The eyes should be 2 inches below the surface. Plant in good, rich garden soil mixed with one-half of old, rotted stable manure. Set them about 18 inches apart each way. Water sparingly the first two weeks after planting; when growing freely, water liberally. Our list embraces the best of the novelties and old standard varieties, every one of which we recommend to our customers. We give the approximate height attained by the different varieties so that they may be properly arranged in bedding.

CANNAS

RED FLOWERING, GREEN FOLIAGE

CHARLES HENDERSON—Deep crimson yellow, flame at throat. 3½ feet high. **Price: Doz., 60c.**

CRIMSON BEDDER—Dazzling crimson-scarlet, well displayed above the foliage. This is one of our own hobbies, and has been for years, without exception, our most conspicuous and satisfactory red bedding Canna. 3½ to 4 feet. **Price: Doz., 60c.**

LOUISIANA—A new giant, vivid scarlet-crimson Canna. The flowers are more than 6 inches across. It grows 6 feet high. **Price: Doz., 60c.**

PENNSYLVANIA—Flowers are extra large, often measuring 7 inches across, and on the inside are vermillion scarlet. Foliage rich green. 5 feet high. **Price: Doz., 60c.**

WINTZ'S COLOSSAL—Without doubt the largest flowered Canna to date, over 8 inches across. Strikingly vivid scarlet that retains its brilliancy. 5 feet. **Price: Doz., 75c**

BRONZE LEAF, RED FLOWERING

DAVID HARUM—A very fine, brilliant vermillion. Haw bronze foliage and is very free flowering. One of the finest bronze varieties for bedding. 3½ feet. **Price: Doz., 60c.**

KING HUMBERT—The grandest Canna ever offered. Large, heart-shaped leaves of purple madder brown over bronze, the dark ribs sharply defined, crowned with immense heads of Orchid-like flowers. Individual petals are of the largest size; velvety orange-scarlet flecked carmine; rose tinted at margin and base. 4 to 4½ feet. **Price: Doz., 75c.**



RED, GOLD-EDGED CANNAS

By Parcel Post, add 5c Doz. Postage.

ALEMANIA—The outer petals are scarlet, with a broad yellow border. Inside of blooms scarlet and dark red. Green foliage. 4 to 5 feet high. **Price: Doz., 60c.**

ITALIA—The center of flower is brilliant red; the outer half of the circumference of each petal being a wide, irregular band of clear yellow. 4½ feet high. **Price: Doz., 60c.**

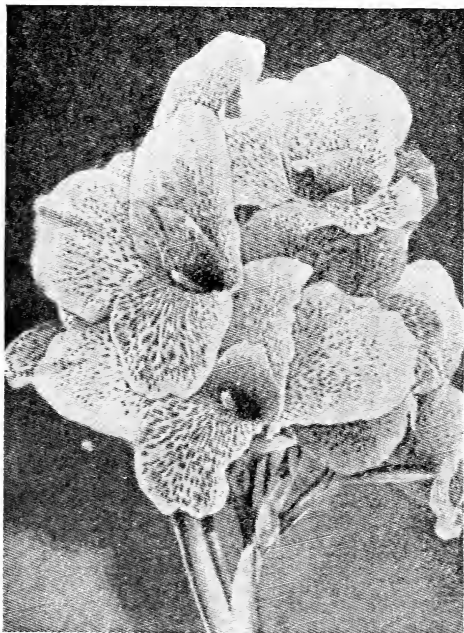
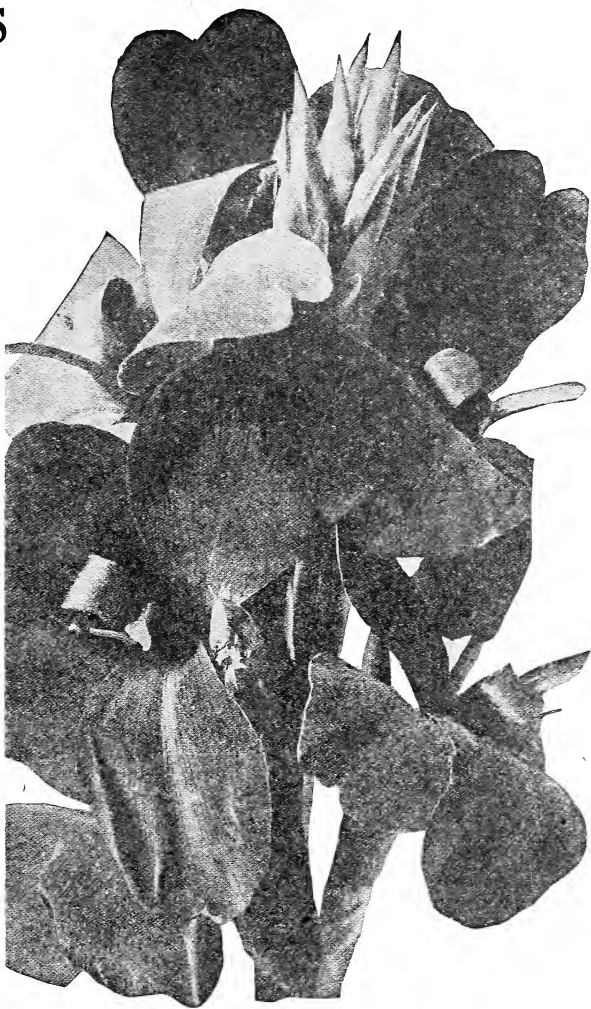
MRS. CARL KELSEY—A beautiful suffusion of scarlet, rose and gold. Early blooming, with good sized flowers; and handsome green foliage, edged purple. 6 to 7 feet. **Price: Doz., 75c.**

PINK FLOWERING CANNAS

LOUISE—A lovely flower of deep, seashell pink; medium sized flower; luxuriant growth of green foliage. Height 4 feet. **Price: Doz., 75c.**

HUNGARIA—A magnificent pink Canna widely used for large solid beds. The petals are large and waxy, made up into big round, full trusses. Its color forcibly suggests the well known Paul Neyron Rose, and is unquestionably one of the most popular pink Cannas ever produced. 3½ to 4 feet. **Price: Doz., 75c.**

MRS. A. R. CONARD—3 to 4 feet high. One of the most popular and exquisite cannas. The flower has the ideal canna shape with broad rounded petals opening wide and on a heavily filled truss so as to hide the past blooms. Color an exquisite, soft, opaque pale pink with darker pink, almost a brown in throat. **Price: Doz., \$1.00.**



Yellow King Humbert.

ORANGE AND YELLOW SHADES

AUSTRIA—Pure canary-yellow; fine large open flowers, with few reddish dots in the centre of the two inside petals. **Price: Doz., 60c.**

GOLDEN GATE—When first opened this flower is the true sun color, a glorious golden yellow but it soon turns paler and pinker till it is a tender apricot and gold. Beautifully shaped large flowers. **Price: Doz., 60c.**

YELLOW KING HUMBERT—An orchid-flowering sort of the well known variety King Humbert. Has the same habit of growth as its parent; foliage a very dark green with flowers measuring 5 to 7 inches across; individual petals 3 to 3½ inches in diameter. Color of flower a deep rich yellow softly spotted and blotched with bright red. **Price: Doz., 75c.**

DAHLIAS

Dahlias by Parcel Post, add 5c each Postage.

THE Dahlia deserves a place in every garden, much more so than it did twenty years ago; with the new varieties added each season and the extraordinary array of colors which they possess, the time must come when every lover of flowers will always have a few, if not large tracts, of these beautiful Summer and Fall flowers.

TIME OF PLANTING—The time for planting Dahlias varies quite a good deal, according to the locality, whether sheltered or open, earliness or lateness of the season, and the time when the general crops are desired. In the Central states tubers may be set out as early as May 1st in some sections and from then until the middle of June. Some of our best blooms have been grown from tubers planted out about June 20, obtaining the choicest flowers during the latter part of September. Dahlias should be planted from 2½ to 3 feet apart and covered to a depth of four inches.

CACTUS DAHLIAS

THIS is a selection of varieties made with a view of supplying the amateur with an assortment of Cactus sorts, which in our own experience we have found to be the freest-flowering sorts.

COUNTESS OF LONSDALE—A pleasing blending of Salmon-pink and amber; an early and profuse bloomer under any conditions.

COUNTESS OF MALMESBURY—Delicate peach-color pink, daintily blending to white at the center. Petals straight, very narrow, and tightly quilled, completing a perfect star-shaped flower. Plants are of perfect habit, producing blossoms upon long, graceful stems of wiry stiffness. Very tall growing.

ROYAL PURPLE—This is one of the best purple Cactus Dahlias. Its velvety maroon shade is very striking. The flowers are very large with long stems and stand out well from the foliage.

SPRINGFIELD—For perfection of bloom, size and erectness of stem, abundance of flowers and general use as a garden flower, this variety has always given excellent satisfaction. It is undoubtedly the most profuse bloomer offered. The color is a rich salmon, tinted. 3 ft.

YELLOW GEM—Pure lemon yellow of very largest size; an early, free and continuous bloomer on long slender stems, one of the best.

THE IMP—One of the best free-blooming Cactus Dahlias, the plants are literally covered with blooms from July until frost; the flowers are quite large, of a beautiful purple red. 3 ft.

Price, each of the above, 20c each; \$2.25 doz. By mail add 3c each.

POMPON DAHLIAS

OF MEDIUM to small size, but firm, compact, and long lasting; invariably with long smooth stems, and blooming with the greatest profusion. Especially good for small bouquets, or dwarf beds.

ALEWINE—Delicate pink, tinted lilac. Fine.

HIGHLAND MARY—Pink and white. Quite large. Soft primrose yellow. Free-flowering.

RAPHAEL—Very dark maroon of extra fine form.
Price: Each, 15c; doz., \$1.50.

LAWINE—Color pure white. The loosely formed flowers of great size completely hide the foliage of the entire plant, giving it the appearance of a pile of snow. 4 feet.

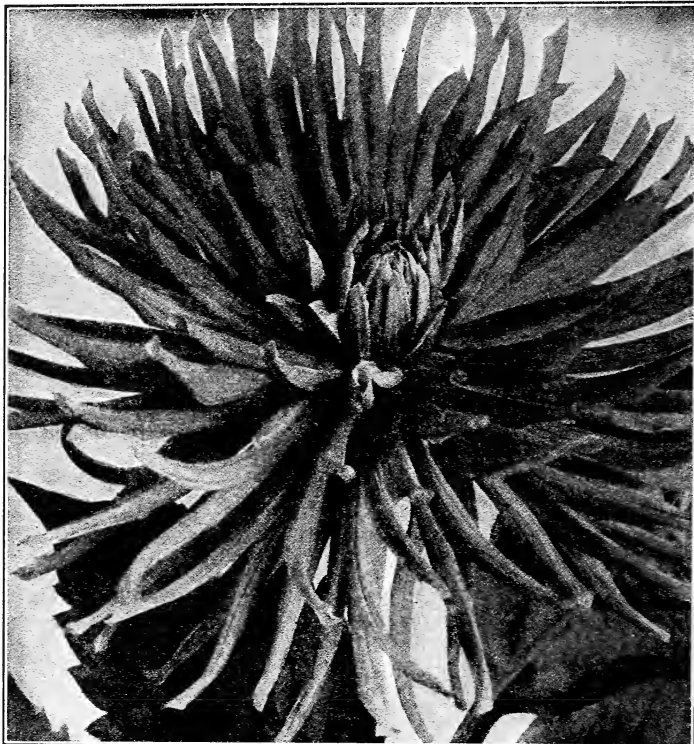
KRIEMHILDE—The color is an exquisite shade of delicate shell-pink. The broad petals are white, forming a beautiful rosette of that color above the pink. It is a profuse bloomer of strong, upright habit.

MICHELL'S RED—A charming, deep red. This variety should be in every garden, because of its great value as a cut-flower variety. The habit of the plant is all that can be desired, a pleasing style of growth, perfect habit, long stems, flowers produced well above the foliage.

PAULS SCARLET—Extra large, a variety of brilliant coloring that should be in every collection, good form and remarkable free-flowering habit; in color a brilliant red.

REINE CAYEUX—An exceptionally free-flowering variety of great substance. The plants are literally covered with flowers from July until frost, which makes it a magnificent garden variety. Flowers are medium size, of a beautiful ruby-crimson, and are borne on long, graceful stems; excellent for exhibition purposes.

REV. ARTHUR HALL—A true Cactus type. Flowers of the largest size with long, very narrow florets which incurve; color ruby crimson, relieved at the points of petals by showing the lighter tinge of the reversing color.



Cactus Dahlia

DECORATIVE DAHLIAS

THE Decorative type of Dahlias being of a distinct class is nearly allied to the Cactus type. In habit and character of plants they are very similar; but in the blossom of the Decorative type the petals are very broad, their width being nearly half the length, while in the Cactus the petals are long and narrow and usually curled and twisted.

BLUE OBAN—Lavender, with a beautiful tint of blue. The nearest to blue of any Dahlia in existence. Very desirable on account of its peculiar color.

CATHERINE DUER—Cherry scarlet overlaid with crimson, darker at center; its iridescence is unique and very striking, winning much favor as a cut flower variety.

CRIMSON BEAUTY—Early, bright red, a fine bloomer; this variety should be in every garden.

CHOCOLATE—A perfect flower, fine form, color chocolate.

DELICE—A valuable addition to the cut-flower varieties; remains fresh long after cutting, long stems, perfect form. The color is a beautiful, soft glowing rose-pink, shading slightly lighter to the center.

FLORA—A splendid large white of beautiful form and great substance, produced freely on long stiff stems.

GUSTAVE DOAZON—Of mammoth proportions, which, under ordinary cultivation, will produce flowers 6 inches across, and can be grown to measure full 9 inches. It is of free growth and pure red in color.

JACK ROSE—The identical shade of the rose with the same name; and an ideal comparison to the celebrated "Jack Rose," resembling in both color and beauty. This variety is exceedingly free, carrying its fairly large flowers on very erect stems in greatest abundance; flowers early, and during the hot weather the color is likely to burn somewhat.

JENNIE JOHNSON—White, very deeply suffused with lavender pink. "Grand Duke Alexis," possessing the beautifully cup-shaped petals characteristic of the parent variety.

Price: Each, 20c; doz., \$2.25. By Parcel Post, add 3c each.

LE MONT BLANC—Gigantic pure white flowers of perfect form.

MILWAUKEE BLACK—One of the finest Dahlias to date. The flowers are very large, and exceedingly beautiful, borne on long, graceful, wiry stems. The color is intense velvety maroon, almost black. An ideal cut-flower variety.

MINA BURGLE—A seedling named and originated by Mr. Burgle, a California Dahlia lover. This new introduction is one of the finest varieties to date; a champion variety, producing flowers of gigantic size, and remarkable beauty. The best in existence; in color, a glowing and most brilliant scarlet.

SYLVIA—Best described as a giant Nymphaea. Flowers 4 to 6 inches in diameter, of fine form and full to the center, which is white shaded to soft pink on the outer petals. Valuable cut-flower for long-distance shipments.

Price of the above: Each, 20c; doz., \$2.25.

SHOW AND FANCY DAHLIAS

BLUE OBAN—A fine shade of bluish purple, good bloomer, one of the most prominent garden dahlias.

C. W. BURTIN—One of the most distinct flowers yet raised. The florets, which are of good shape, are bright golden yellow; the habit is upright and the stems carry the flowers well above the foliage.

BURLEIGH—One of the finest show Dahlias, color deep red tipped white, fine for cut flowers.

A. D. LIVONI—A splendid clear pink, beautifully quilled, of perfect form, and very free-flowering.

RED HUSSAR—Tall, bushy, upright. Flowers full, fiery cardinal, with bronze edge at bottom.

VIVIAN—Show. Large and of beautiful colorings. Center of blossom dark magenta, the inside of the petal being much lighter cerise. A large and excellent Dahlia.

Price: Each, 20c; doz., \$2.25. By mail, add 3 cents each.

PAEONY-FLOWERED DAHLIAS

THE Paeony-flowered Dahlia has made itself very popular with us and more so with our customers.

BARON G. DE GRANCY—Creamy white; some flowers come single, all incurved or cup-shape. Slightly fragrant. 4 ft.

GLORY OF BAARN—Delicate, soft pink; very free and carried erect; height 5 ft.

PEARL—A lavender pink variety, large size flower, keeps well when cut.

Price: 20c each.

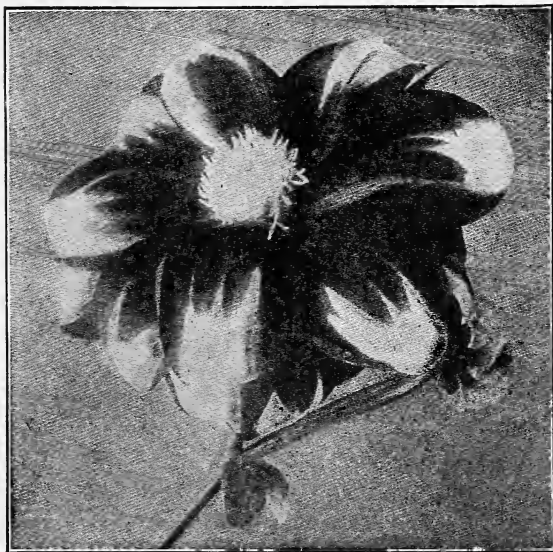
CENTURY DAHLIAS

ROSE PINK CENTURY—The largest and best deep pink; enormous flowers on long 3 feet stems; sure and continuous bloomer, vigorous plant. Height 5 feet.

WHITE CENTURY—Pure white; very large and finely formed. A profuse bloomer on long stems.

ST. LOUIS—One of the best Red Dahlias for cut flowers.

Price for the above: Each, 20c; dozen, \$2.00.



Paeony-Flowered Dahlia,

SELECT GLADIOLI

Gladioli, by Parcel Post, add 5c per Doz.

THE Gladiolus is one of the most called-for of our Summer-flowering bulbs.

In the following list of varieties we offer only those which we have grown with satisfactory results.

It is needless to say that Gladioli at the present time produce some of the finest colors and most exquisite shades; especially beautiful are the delicate contrasts of the outer segments and the deep veining and heavily colored blotches of the throat, thus making the Gladiolus one of the most attractive Summer-flowering bulbs. We advise the planting of Gladioli during May and June, and should successive plantings be made, flowers may be had until October.

Gladioli thrive in almost any good garden soil; but if well prepared, by adding stable manure, better results may be obtained.

AMERICA—A splendid Gladiolus. The color is a soft pink very much like the Enchantress Carnation except slightly tinged with lavender, effecting a perfect color harmony. A splendid bedding sort and an excellent cut flower. It is undoubtedly the most desirable variety in the market. Extra large bulbs. **Price: Doz., 50c; 100 for \$4.00.**

ANNIE WIGMAN—Pale yellow, dark blotch. **Price: Doz., 90c; 100 for \$7.00.**

ATTRACTION—Very large Amaryllis-like flowers of rich crimson and having a large white throat blotch on the three lower petals, making an effective and striking contrast; tall, strong, well furnished spike. **Price: Doz., 75c; 100 for \$6.00.**

AUGUSTA—Flowers are of perfect paper white, with a slight pink shade on lower half of the petal. The spike is set solid and perfect with the flowers from top to bottom. **Price: Doz., 60c; 100 for \$4.50.**

CHICAGO WHITE—A fine white variety with lavender stripes on lower petals. Medium sized flowers borne on a tall spike and from seven to eight flowers open at a time. **Price: Doz., 60c; 100 for \$4.75.**

EVELYN KIRTLAND—Light rose, darker at edges, fading to shell pink at the center, with brilliant scarlet blotches on lower petals. Very tall spike. This variety wins highest approval wherever shown. **Price: Doz., 90c; 100 for \$7.00.**

GLORY OF HOLLAND—A new white with slight tinting of pale pink and anthers of delicate lavender. Blossoms large and gracefully set on a tall spike. One of the finest whites. **Price: Doz., 90c; 100 for \$7.00.**

GRETCHEN ZANG—Liberal bloom in that always acceptable shade; soft, melting pink merging into scarlet on lower petals. **Price: Doz., \$1.50.**

HALLEY—The predominating color of these flowers is delicate salmon pink with a slight roseate tinge, though the lower petals bear a creamy blotch with a stripe of bright red through the center, the whole producing a delightful effect. **Price: Doz., 60c, 100 for \$4.50.**

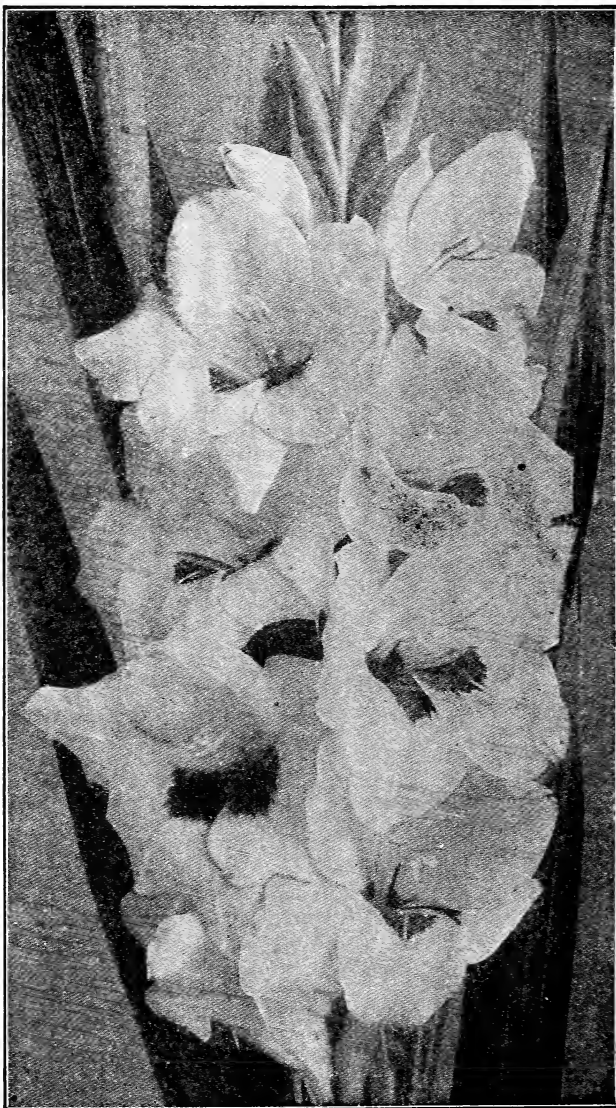
INDEPENDENCE—A brilliant rose-pink, with richly marked throat; a long spike of wax-like flowers; one of the best for cut-flowers or massing, because of its color and lasting quality of the blooms. **Price: Doz., 50c; 100 for \$4.00.**

L'IMMACULEE—Undoubtedly the best commercial white Gladioli in existence. Very tall spike, well set with large flowers of great substance. **Price: Doz., \$1.20.**

LOVLINESS—A grand tall erect sort often having twenty blooms on spike, color cream white with apricot and primrose throat. **Price: Doz., \$1.20.**

MRS. FRANCIS KING—Is a strong grower, vigorous and healthy. Has long, strong, foliage and effective flower-spikes. The magnificent flowers measure 4½ inches across, and there are five or six flowers well spread out on the spike at the same time. The color, brilliant flamingo-pink, blazed with vermillion red. **Price: Doz., 50c; 100 for \$4.00.**

Plant "Pure and Sure" Seeds



America.

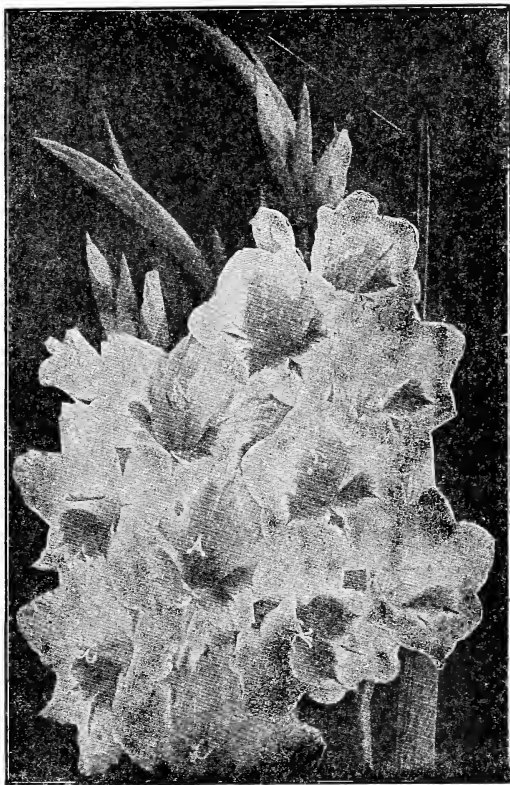
GLADIOLI—Continued

MRS. FRANK PENDLETON—Immense round flowers of great substance. Coloring most attractive; vivid pink toning off blush, the lower petals being further ornamented with large velvety orange-red blotches in the throat; tall, strong grower. **Price: Doz., 90c; 100 for \$7.00.**

MYRTLE — Pale rose, deepening on outer edge of petals. The flowers open regularly on spike. A very fine variety. **Price: Doz., 90c.**

NIAGARA—In color the flowers are a delightful cream shade with the two lower inside petals or segments blending to canary yellow. The throat is splashed with carmine, and the lower ends of the outside petals are also blushed with carmine. The stamens are purple and the stigmas pale carmine, this little addition in the coloring relieving the creamy effect of the petals. **Price: Doz., 75c.**

PANAMA—Exquisite and magnificent, being fully the equal of America in form and size, but superior to it in color, being more on the order of salmon-pink. Wherever this variety has been exhibited it has secured first premiums. European growers have endeavored to secure the entire stock. **Price: Doz., 75c; 100 for \$6.00.**



PINK BEAUTY — The finest Gladiolus of the present time. In color it is the most exquisite deep pink, with a very conspicuous maroon-red blotch in the throat on the lower petals. It is without doubt, one of the strongest growing varieties in existence, attaining a height from four to six feet. The foliage is exceptionally broad and of a beautiful deep green color. **Price: Doz., 75c; 100 for \$6.00.**

SCHWABEN—A meritorious variety of wonderful vigor with strong erect spikes and large flowers of a clear yellow color. Small blotch of deep garnet in throat. **Price: Doz., 75c; 100 for \$6.00.**

WILLY WIGMAN—A creamy white ground delicately rose tinted with a large soft carmine conspicuous blotch on lower petals. **Price: Doz., 90c; 100 for \$7.00.**

YELLOW HAMMER—Yellow of vigorous growth, healthy and prolific. Flower above medium size, straw yellow, deepened to golden yellow on lower. The stamens being very light, the effect of the flower is a very pleasing soft yellow. **Price: Doz., 90c; 100 for \$7.00.**

“PURE AND SURE” GARDEN MIXTURE

THIS is our popular, low-priced mixture, and is composed of fine sorts, in all colors, in first-size bulbs only. We have tested many brands of mixtures, but have never seen any which surpassed it in variety of coloring or general excellence. **Price: Doz., 50c; 100 for \$4.50.**



Caladium.

CALADIUM ESCULENTUM

(Elephant's Ear)

ONE of the most effective plants in cultivation for beds, borders or for planting out upon the lawn; they are used extensively in many of the public parks, where their decorative value is greatly appreciated. To obtain the best results it should be planted where it will obtain plenty of water and an abundance of rich compost. When full size it stands 5 to 7 feet high, and bears immense light green leaves, 3 to 4 feet long by 2½ feet wide.

	Each	Doz.	Weight Each
Mammoth bulbs	\$0.50	\$5.00	2 lbs.
Large bulbs	.35	4.00	1 lb.
First Size bulbs	.25	2.50	½ lb.
Medium bulbs	.15	1.50	¼ lb.

FANCY LEAVED CALADIUMS

CALADIUMS (Fancy Leaved)—Dry Bulbs, 1½ to 2 inches in diameter. For window boxes, show plants, or green house growing they are invaluable. Rich, thrifty leaves, more handsome than Begonias; marbled, veined and striped with white, pink and dark red. Bulb should be started into growth about April 1st, in a warehouse. Price: Each, 25c.

CINNAMON VINE

A BEAUTIFUL, rapid-growing Summer climber, with bright green, glossy foliage, and spikes of deliciously cinnamon-scented, white flowers. It is perfectly hardy, the stem dying down in Winter, but growing with great rapidity in the Spring, so as to cover any trellis or arbor very early in the season. Large, select roots. Price: Doz., 60c.

HARDY JAPAN LILIES

By Mail add 15c Doz. Postage.

Beautify your Home Garden with Flowers

LILIES have always been regarded as among the most beautiful of garden plants. Of queenly beauty, faultless purity and stately form, too much cannot be said in their praise and we are glad to notice their increasing popularity from year to year. Nearly every variety will, with a little care, endure the severity of our winters and many are among the most hardy of our garden flowers.

Bulbs should be planted as soon as the frost is out of the ground; the earlier the better. Select a well drained spot, dig the soil deep and make it fine, enriching it abundantly with well rotted cow manure, adding a liberal mixture of sand. Set the bulbs from three to five inches deep, according to size. During the winter it is advisable to cover the surface of the bed with a thin layer of manure which will afford a slight protection to the bulbs and also materially enrich the soil.

AURATUM—The glorious, gold-banded lily of Japan and one of the most superb plants in cultivation. Its immense ivory-white flowers are thickly studded with yellow and crimson spots, while in the center of each petal is a golden band, fading at its edges into the white. Such choice bulbs as we offer, if well cared for, will give five to ten magnificent flowers the first year and under good cultivation will, after becoming well established, give from ten to fifty. Price: Each, 25c; Doz., \$2.75.

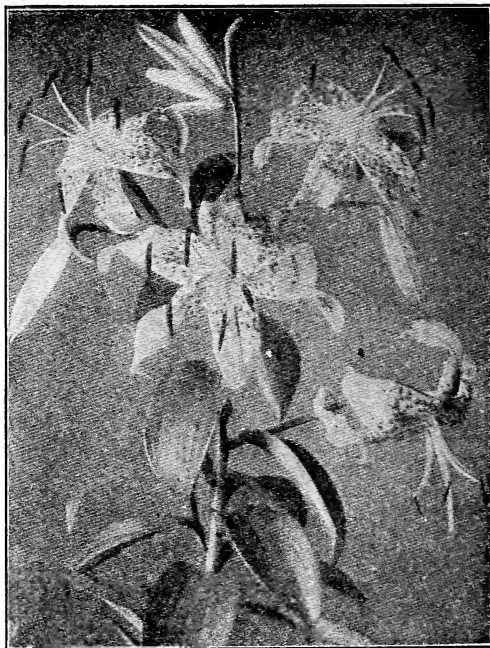
SPECIOSUM ALBUM—Pure white flowers with a greenish band through the center of each petal; of great substance, very fragrant. One of the best for general culture. Price: Each, 25c; Doz., \$2.75.

SPECIOSUM RUBRUM—No words can overstate the brilliant beauty of these famous Japanese Lilies. The six broad white or pink petals are thickly dotted with rose or crimson spots and the graceful form and brilliant color make them very effective and desirable. Especially thrifty and hardy. One of the best for garden culture. Price: Each, 25c; Doz., \$2.75.

MELPOMENE—Words cannot describe the beauty of this variety. Frosted white spotted, clouded and bordered with pinkish crimson. Petals deeply recurved and widely bordered. Price: Each, 25c; Doz., \$2.75.

MADEIRA VINE

A FAVORITE tuberous-rooted climbing plant with dense and beautiful shining foliage and of very rapid growth, twining on strings to a great height or forming garlands in many fanciful forms. It will grow anywhere, but does best in a warm, sheltered, sunny location. It is also a very pretty plant for training around the windows in the house. Price: lb., 30c. By Parcel Post add 5c lb.



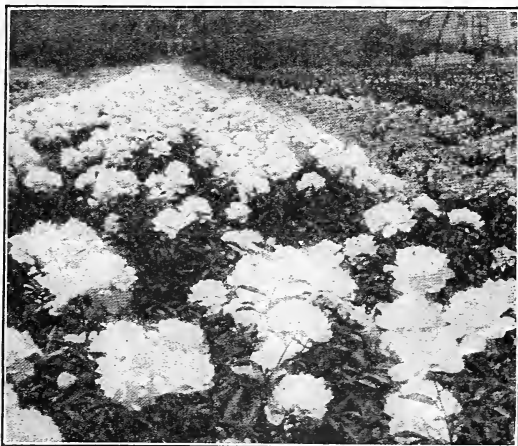
Linum Speciosum Rubrum.

HERBACEOUS PEONIES

Sent by Express Only

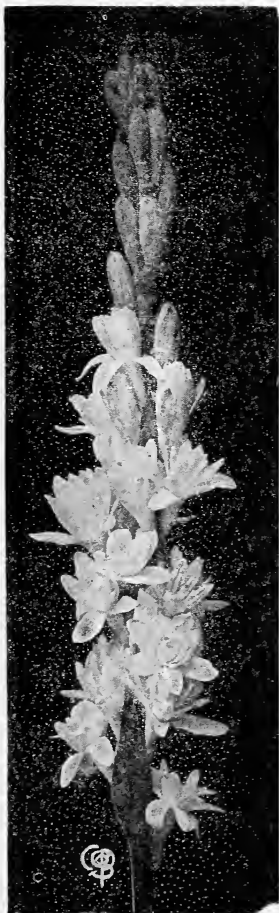
Time of Delivery—All roots can be delivered from early March until the end of April, and again from September on and until freezing time in the Fall.

THE old-fashioned Peony *officinalis* of our grandmother's garden, while still popular because of their early flowering, have been eclipsed by the wonderfully improved sorts introduced in recent years. They are the "Queen of Spring Flowers," and are well adapted for massing in beds, and particularly valuable for planting in groups throughout the perennial or shrubbery border, where their brilliant hues add attraction to all around. Their requirements are so simple—a good, rich, deep soil, and an open, sunny position—which, however, is not absolutely necessary, as they thrive almost equally well in a partly shaded position, and a liberal supply of water during their growing season being sufficient to give an abundance and wealth of flowers, which rival the finest roses in coloring and fragrance, and produce during their flowering season a gorgeous effect not equaled by any flower, and once planted they take care of themselves, increasing in beauty each year.



SELECT NAMED PEONIES

Couronne d'Or (Golden Crown) —Immense ball-shaped blooms, Each Doz. snow-white flower with golden yellow stamens; delicate carmine markings; one of the best, and fine for cutting	\$0.50	\$5.50
Duchesse d'Orleans —A deep pink, bearing fine flowers; one of the best keepers	.50	5.50
Edulis Superba —Beautiful deep-rose pink, large and of good form; fragrant flowers, a fine variety	.45	4.75
Festiva Maxima —Very large, pure-white flowers; tall and vigorous stalks, early	.60	6.50
Floral Treasure —Bright delicate shell pink, large, fragrant and a free bloomer in clusters; vigorous; much used for cut flowers. Rose type; midseason	.50	5.50
Queen Victoria —A strong-growing pure white variety with creamy-white center	.45	4.50
Officinalis —Old-fashioned, fragrant; double dark red	.75	8.50
Zoe Calot —Beautiful rose pink; large and of good form; fragrant and very early	.50	5.50



Tuberose.

TUBEROSE

By Mail add 10c Doz. Postage.

THE flowers of this popular plant are waxy-white, one of the most delightfully fragrant and beautiful of the summer-flowering bulbs. By skillful management a succession of flowers may be obtained all the year round. For early flowers they can be started in February or March in the greenhouse or hotbed; and for a succession they can be planted at intervals as late as July. For flowering in the open border, plant about the middle of May, or as soon as the ground becomes warm.

DOUBLE PEARL TUBEROSES

ONE of the most delightfully fragrant and beautiful of the Summer flowering bulbs. By skillful management a succession of flowers may be obtained all the year round. For early flowers they can be started in February or March in the greenhouse or hotbed; and for a succession they can be planted at intervals as late as July. For flowering in the open border plant about the first of May, or as soon as the ground becomes warm. Strong flowering bulbs, 10 cents each; \$1.00 per doz., \$7.00 per 100.

MEXICAN EVER-BLOOMING SINGLE

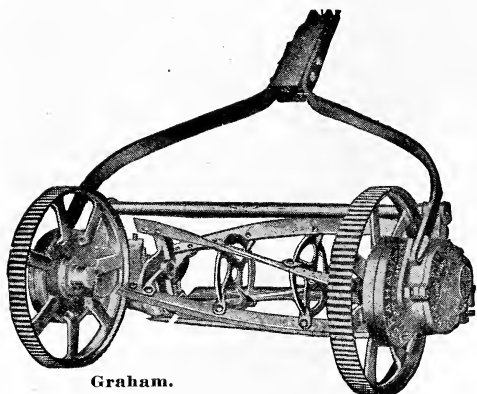
THE most free-blooming Tuberose in existence. It is a native of the tableland district of Mexico. Each bulb produces only one flower spike; but the peculiar feature is the making of new bulbs, as the original one is blooming, which flower as soon as the old bulb has finished, thereby yielding a succession of bloom throughout the season.

These bulbs may be planted out as early as the first of May and as late as the middle of June, and flowering in about eight weeks' time, they continue until after the first frost. The flower stalk is tall and stiff, usually bearing from six to twenty pure white blooms, having the same delightful odor as the regular double variety. The stalks when cut will last for a great length of time in water and the flowers will also increase in size.

This Mexican Ever-blooming Tuberose is easily grown in the house or greenhouse and makes one of the best and most useful varieties for forcing. Price: Doz., 50c.

GENUINE "PHILADELPHIA" LAWN MOWERS

KNIVES ARE MADE OF THE BEST VANADIUM CRUCIBLE STEEL.



Graham.

STYLE **GRAHAM** ALL STEEL
PLAIN BEARINGS

THE highest achievement in Lawn Mower Manufacture. Unquestionably the highest grade lawn mower on the market today. We recommend this lawn mower for large estates, parks, cemeteries or wherever there is much grass to be cut.

Self-oiling, all-steel. No front axle. Cylinder with 4 blades. Driving wheels, 10 inches. Diameter of cylinder, 6 3/8 inches. Train of gears on both sides.

Size	Price
17 inch	\$30.00
19 inch	\$1.50

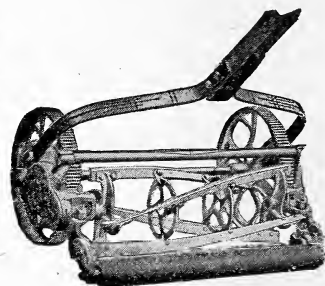
The Best Mower for
Half a Century

STYLE **A** ALL STEEL.

BEING all steel, it is practically indestructible. Excellent for large areas where a good mower is necessary.

Cylinder with 4 blades. Driving wheel, 10 inches. Diameter of cylinder, 6 3/8 inches. Train of 3 gears on one side. Double ratchet.

Size	Price
17 inch	\$27.50
19 inch	28.75
21 inch	31.50



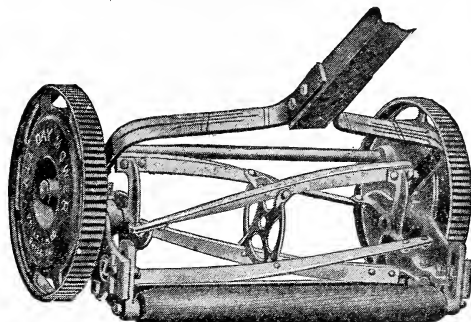
Philadelphia, Style A.

STYLE **K**

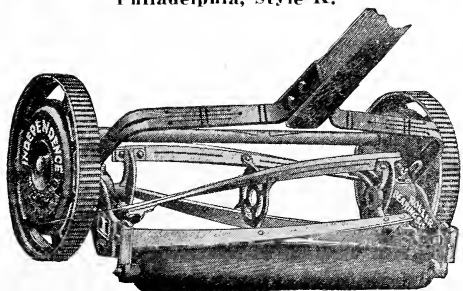
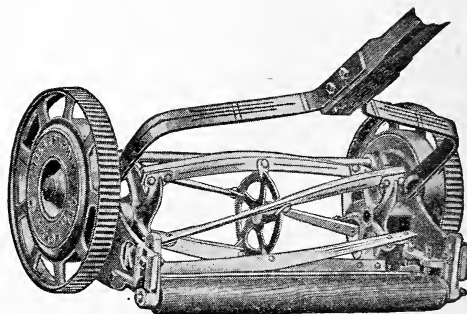
A **SPLENDID** general purpose mower for hard knocks. Vanadium crucible steel blades. Single pinion gears on each side. Very popular with the private owner who likes to cut his own lawn.

Cylinder with 5 blades. Driving wheel, 10 inches. Diameter of cylinder, 6 3/8 inches. Geared both sides.

Size	Price
16 inch	\$21.75
18 inch	22.25
20 inch	23.00



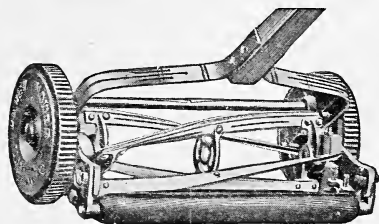
Philadelphia, Style K.



Independence.

INDEPENDENCE ROLLER BEARING—A popular priced frictionless bearing lawn mower that appeals to the man with a medium sized lawn. Vanadium crucible steel blades. Made by the same expert mechanics that make the highest priced mowers. Cylinders with 4 blades. Driving wheel, 9 inches. Diameter of cylinder, 5 1/2 inches.

Size	Price
18 inch	\$15.00



Dewey.

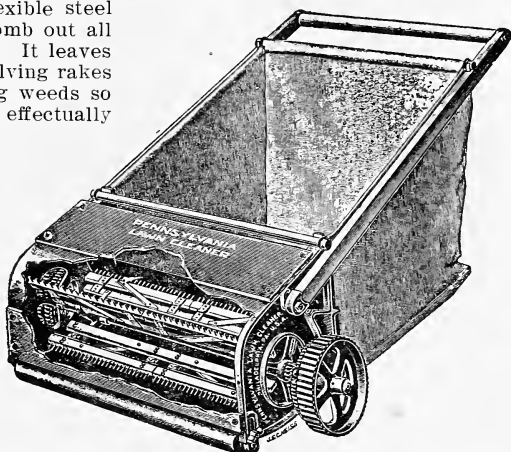
DEWEY

DEWEY—A high-grade mower for owners of small lawns. Bearings are bored for extreme accuracy. Geared both sides with single pinion. Vanadium crucible steel blade. Cylinder with 4 blades. Driving wheel, 8 inches. Diameter of cylinder, 5¼ inches.

Size	Price
12 inch	\$10.25
14 inch	10.50
16 inch	10.75
18 inch	11.00

PENNSYLVANIA ROTARY LAWN RAKE

This is virtually a revolving lawn comb, having flexible steel wire teeth which go between the blades of grass and comb out all dead grass, crab grass, leaves, sticks and other rubbish. It leaves the grass standing upright. The action of the three revolving rakes raises up the creeping crab grass and other low growing weeds so the lawn mower can cut them before going to seed, thus effectually ridding the lawn of annual weeds. It has a dumpable collecting box. This work is most effectually accomplished by the use of the Pennsylvania Gem Lawn Cleaner and Rake. One man can do more work than four with rakes. (See cut.) Price: 24-inch machine, \$35.00. (Weight packed for shipment, 90 lbs.)



LAWN TRIMMER

LAWN TRIMMER—Will cut smoothly to ¼ inch of wall, making use of shears unnecessary. Built for durability and service. Cylinder with 4 blades. Driving wheel, 8 inches. Diameter of cylinder, 5¼ inches.

Size	Price
6 inch	\$6.50

GRASS CATCHER—Heavy gauge galvanized wire frame, covered with extra quality 8-oz. green and white striped canvas sides and back.

Size	Price
14 inch and 16 inch	\$1.50
18 inch and 20 inch	2.00

CAHOON'S BROADCAST SOWER

For sowing Clover, Timothy, Millet, Oats, Wheat, Hemp, Barley, Rye, Rice, Buckwheat, etc. Standard Seeder of the World—A Model for Accuracy and Durability—Malleable Iron Frame—Steel Hopper and Gate—Brass Discharger.

The breadth of the cast will be according to the weight of the seed. Wheat and Rye, 30 to 36 feet. Oats, 21 to 25 feet. Barley 27 to 33. Clover, Millet, Hungarian Seed, 20 to 24 feet. Hemp, 27 to 30 feet. Timothy, 15 to 18 feet. Price: \$4.50; \$4.75 postpaid.

CYCLONE SEED SOWER

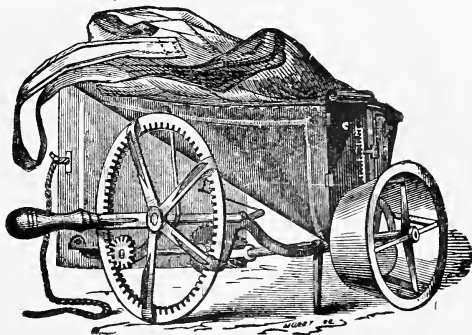
The material used in the construction of the Cyclone is of the best throughout. The machine is practically and mechanically built. The hopper or sack has a capacity of ½ bushel. It sows with ease to the operator all varieties of grain and grass seed perfectly even. Price: \$2.25; \$2.40 postpaid.

LIGHTNING TIN HORN SEED SOWER

Has long tin sectional tube, having sack attached, also has adjustable feed for different grains and quantities. Suitable for small seeds only. Will spread seed evenly from 30 to 40 feet. Method of sowing is by swinging tube in horizontal position from right to left, which closely resembles the old method by hand. Price: \$1.00; \$1.10 postpaid.

LAWN & GARDEN HOSE

We make a specialty of the very best lawn and garden hose. We do not handle a wrapped hose, only the best moulded hose is worth buying. The moulded hose will last for years after cheap wrapped hose is worn out. Price: ½" 15c ft.; ¾" 16c ft.; 1" 17c ft.



Cahoon Seeder.

PLANET JR.

This name is a guaranty over all the world of the most modern scientific farm and garden tools manufactured. Every Planet Jr. **cuts your work in half.** These tools double your crop yield, pay for themselves in a single season, and last a lifetime.

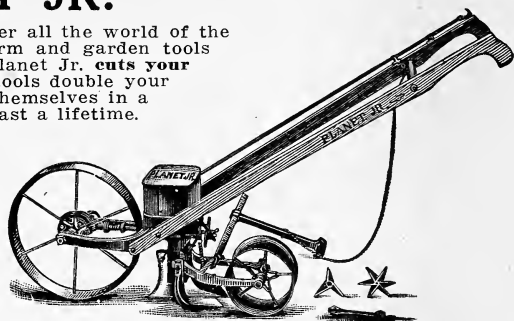


SOON pays for itself in the family garden as well as in the larger acreage. Sows all garden seeds (in drills or in hills), plows, opens furrows and covers them, hoes and cultivates quickly and easily.

No. 4 Planet Jr. Combined Hill and Drill Seeder Wheel Hoe

Price: Complete, \$19.50.

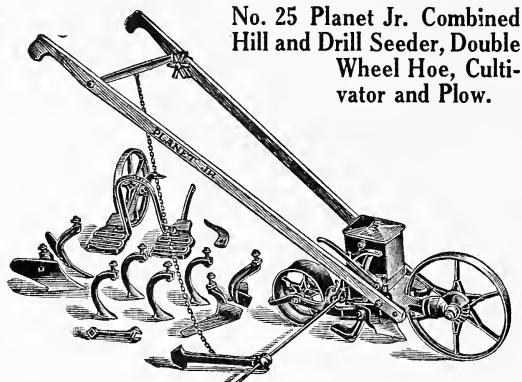
No. 4D, Hill and Drill Seeder, same as above less the cultivating attachments. Price: \$15.50.



No. 3 Planet Jr. Hill and Drill Seeder.

A FAVORITE among onion-growers, market-gardeners. The **hill dropping** is simple and reliable, making hills either 4, 6, 8, 12 or 24 inches apart.

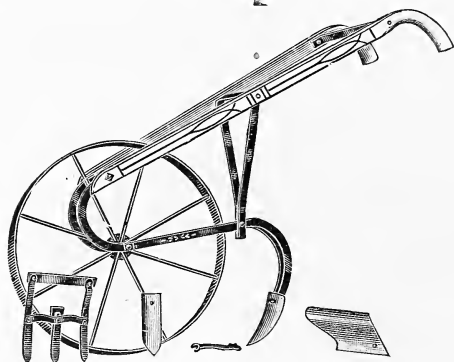
15-inch Steel Drive Wheel. Holds 3 Quarts of Seed. Weight, packed, 44 lbs. Price: \$18.50.



No. 25 Planet Jr. Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow.

A FAVORITE among onion-growers, market-gardeners, onion grower, or large gardener. It is a perfect seeder, and combined double and single wheel hoe. No. 25, Price: Complete, \$23.00.

LIBERTY PLOW



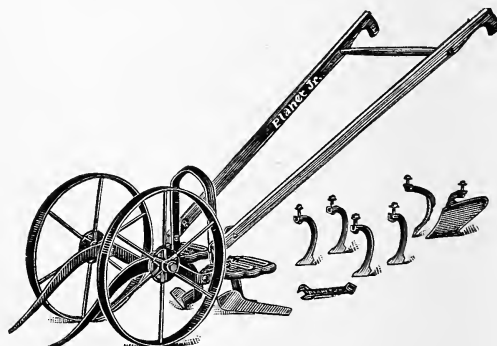
THIS machine is made to use where a cheaper one is desired, such as in home gardens and for the market gardener to use in cultivating crops of larger vegetables. It is strong and durable. We recommend this for the price. Price: \$4.00.

No. 11 Planet Jr. Double Wheel Hoe Cultivator, Plow and Rake

A single and double wheel hoe in one. Straddles crops till 20 inches high, then works between. Has steel frames and 14-inch steel wheels. The greatest hand-cultivating tool in the world.

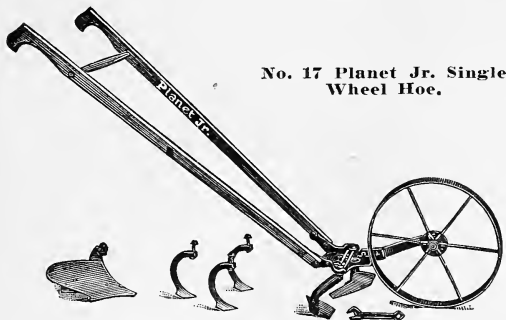


No. 11 Planet Jr. Cultivator—Price: \$16.00.



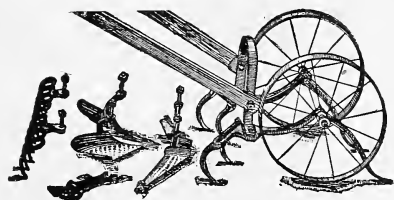
No. 12 Planet Jr. Double and Single Wheel Hoe is identical with No. 11, except that the 4½-in. hoes and the rakes are omitted from the equipment. Price: \$12.50.

GARDEN IMPLEMENTS



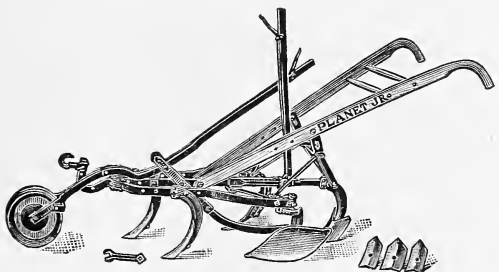
No. 17 Planet Jr. Single Wheel Hoe.

THESE Single Wheel Hoes have steel frames and 15-inch steel wheels. Price: \$8.75.



Standard No. 4, Single and Double Wheel Hoe, Both in One.

OF ALL labor-saving tools, this cannot be surpassed. Can be changed from one to the other in a few seconds, thereby saves buying two separate machines when you don't have work for both at same time. Frame all malleable iron attachments, with steel shovels. Price: \$10.50.



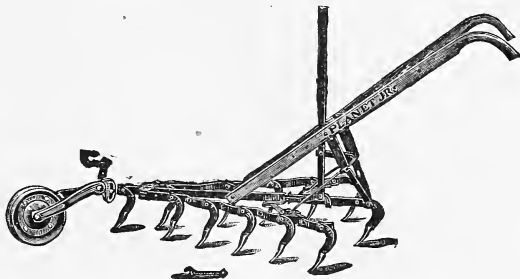
No. 8 Planet Jr.

THIS style is a general favorite, being complete and easily operated. Made for long continuous service. This cultivator closes to 10 inches and opens to 25 inches. The lever expander and depth regulator make this an easy tool to use. The teeth are made of bevel steel and hardened. Price, complete, \$19.50.



EXTRAS FOR PLANET JR. TOOLS

Plow for Single Wheel Hoe. Price, Each.....\$1.50
C & D Hoes. Price: 7-inch Blade, pair..... 1.50
Rakes. Price: Each, 3 tooth, 55c; 5 tooth..... .75
Disc Hoes. Price, pair..... 3.25
Three-Prong Cultivator Teeth. Price, Each.... 1.00
Cultivator Teeth. Price: Each..... .40

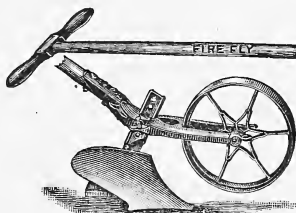


No. 91 Planet Jr. Twelve Tooth Harrow.

No. 91 PLANET JR. TWELVE TOOTH HARROW

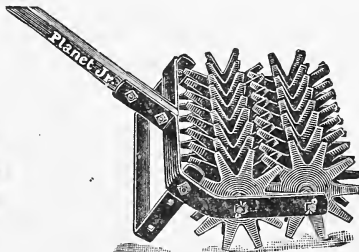
THIS twelve tooth Harrow gives excellent satisfaction. For farmers and gardeners it is unequalled for deep or close cultivation or when desired to work a crop thoroughly without hilling. For the strawberry grower it is invaluable. Price: \$15.00.

FIREFLY GARDEN PLOW



EXCEEDINGLY useful to owners of small gardens, throwing a furrow four to six inches wide and one to three inches deep. This tool will enable a busy man to do all his garden work in a few minutes. Fine for scratching up the chicken yard. Price: \$4.50.

STAR PULVERIZER, LEVELER AND WEEDER



Star Pulverizer.

ESPECIALLY adapted for preparing the seed bed. After the ground has been plowed, you can easily put it in the best shape with this pulverizer which does much the better work than a rake. It is a great tool for the small garden. Price: \$6.50.

GARDEN IMPLEMENTS

FOR the gardener, the proper tools are just as essential for the performance of their works as for any man.

On this and the following pages are listed tools of every description that will aid in better gardening. They are not novelties or playthings but real factors in the production of the best that is to be had from your work in the garden.

ACME WEEDER OR HAND CULTIVATOR—Combination hoe and cultivator combined. Made of solid steel. Price: Each, \$1.25.

ASPARAGUS KNIFE—Highest grade crucible steel, highly polished blade, $7\frac{1}{4}$ inches long, $1\frac{1}{4}$ -inch blade, fastened by two rivets in highly polished hardwood handle. Price: Each, 50c.

E. Z. HAND WEEDER—(See cut.) Price: Each, style A, 25.

EXCELSIOR HAND WEEDER—For weeding seed beds, stirring soil in hot beds, etc. Price: Each, 15c.

FRUIT PICKERS—Attach to pole of any desired length. Saves all climbing, especially on young trees. Price: Each, 60c.

GARDEN DIBBLE—All iron; is used for transplanting small plants. Has polished steel point. Price: Each, 35c; D Handle, 50c.

GARDEN SET—Three Pieces: Shovel $6 \times 4\frac{3}{8}$ -inch blade, 42-inch handle; Hoe $4 \times 3\frac{1}{2}$ -inch blade, 48-inch handle; Rake $5\frac{1}{4}$ -inch head with six $2\frac{1}{2}$ -inch bent teeth. Price: \$1.50 per Set.

GARDEN HOE—Highest grade crucible forged steel, oil tempered polished blade. Price: \$1.10.

GARDEN RAKE—All steel, with short teeth, for walks and driveways. Price: 16 teeth, Each, \$1.60.

LAWN RAKE, OLE OLSON—The wooden teeth in this rake are mortised through the head and clinched in a way that holds them absolutely tight and rigid. 26 Teeth, Price: Each, \$1.45.

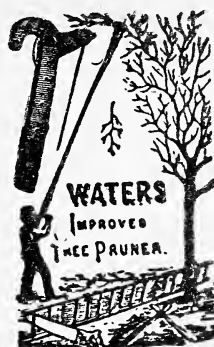
POTATO HOOK—Highest grade crucible forged steel tumbled finished prongs, oil tempered and carefully tested; bent head. Price: Each, \$1.25.

SPADING FORK—Four flat diamond back tumbled finished tines, $6\frac{1}{4}$ inches long; spread (extreme width) 6 inches; malleable D handle, with wood grip. Price: Each, \$1.75.

SPADE—Is made from best tempered steel, fitted with select ash handles. Price: Each, \$1.00.

TURF EDGER—9-inch crucible steel polished blade, tempered and sharpened; gold bronzed solid steel socket; blade and socket in one piece; 4-foot selected ash handle. Price: Each, \$1.25.

WATER'S TREE PRUNERS—The best Pruner on the market. Price: 8 ft., \$3.00; 10 ft., \$3.25; 12 ft., \$3.50. Extra Blades, each, 50c.



Potato Hook.



Spading Fork.



Garden Rake.



Rake.



Spade.



Turf Edger.



Asparagus Knife.

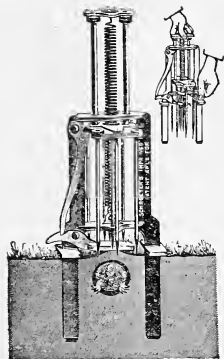


Acme Weeder or Hand Cultivator

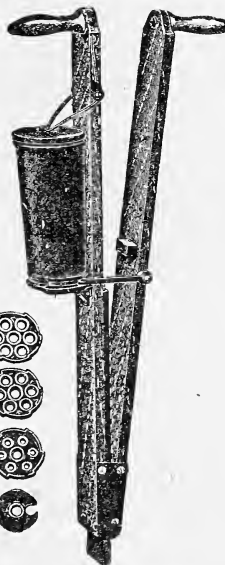
GARDEN IMPLEMENTS— Continued



Beet Hoe.



Mole Trap



Corn Planter



Shovel



Hand Spading Fork

CORN PLANTER—The Eclipse Rotary has positive feed. Four changes of disc (one disc for seed or broom corn). No planter is complete without wheel to drop one grain to replant drilled corn. **Price: Each, \$4.00.**

BEET HOE—A handy little tool for gardeners to thin out lettuce, beets and other small vegetables. 8-inch handle. **Price: Each, 65c.**

GARDEN TROWEL—4-inch, riveted handle. **Price: Each, 20c.**

TRANSPLANTING TROWEL—Made of the same material as the above. **Price: 5-inch, 20c; 7-inch, 30c.**

HAND SPADING FORK—These forks are well made, the tines are polished about half-way and adjoining part enameled blue. **Price: 11-inch, 40c.**

HAZELTINE'S HAND WEEDER—One of the most useful garden tools made. Every owner of a garden should have one. **Price: Each, 50c.**

LANG'S HAND WEEDER—In our opinion this is the best of all weeders. **Price: Each, 25c.**

HEDGE SHEARS—8-inch, with notch. The "notch" is at the heel of the blades, for cutting small branches. **Price: \$2.50; 6-inch; \$1.75.**

PRUNING SHEARS—Very strong steel blades and good spring. **Price: Each, No. 30, \$1.25; No. 140, \$2.00.**

LOPPING SHEARS—Handles 26 inches long. For cutting heavy branches. **Price: \$2.00; handles 41 inches long, \$2.50.**

SHOVEL—A handy tool for the garden. **Price: \$1.75.**

STEEL GRASS SHEARS—For trimming edges on walks or borders. The best made. **Price: Each, 75c.**

PRUNING SAW—Highest grade crucible steel, polished and etched blade with adjustable cherry-wood handle. 14-inch blade. **Price: \$1.50.**

THE PULL EASY is the best cultivator for the army of early risers, who faithfully tend a little patch of green things in the back yard. Every part is of the best material; the teeth are drop-forged steel, set in an indestructible plate. The handle is perfectly smooth, of straight-grained, tough white-ash. **Price: Each, 2.25.**

SPIAGNUM MOSS—Extensively used for filling Fern and Orchid baskets, mixing with potting soil covering tops of pots to preserve moisture, etc. **Price: lb., 10c; bale, about 20 lbs., \$2.00.**

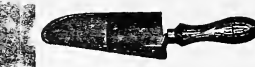
MOLE TRAP is designed particularly for trapping Ground Moles. This trap is of a type in which a spring actuated member provided with sharp pointed prongs is reciprocatingly mounted on a stationary frame or supporting structure and is held in an elevated position by a latch or trigger mechanism that is adapted to be tripped by a mole traveling through a furrow in the ground at a point where the trap is located. **Price: Each, \$2.00.**



Lopping Shears



Hazeltine's Hand Weeder



Garden Trowels



Garden Dibble



Transplanting Trowel



Excelsior Hand Weeder



Lang's Weeder



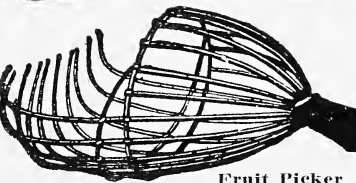
Steel Grass Shears



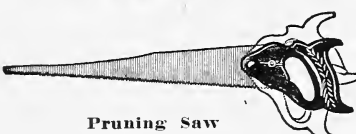
Hedge Shears



Pruning Shears



Fruit Picker



Pruning Saw

SPRAYERS THAT SPRAY

The many advantages due to proper spraying are so numerous that they cannot be told here. Everybody knows that in the garden, the orchard and the poultry house, spraying returns a profit that far exceeds any on so small an investment and short time necessary to spray. Bigger crops and better fruit are one of the few results and by producing such crops you can expect to make your orchard pay.

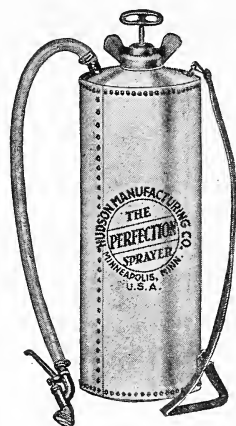
We can supply you with any kind of a sprayer from the small tin atomizer to the large power spray. Let us know your needs in the sprayer line and we are sure that we can supply you with what you need.



NEW MISTY

THE popular tin atomizer designed for insecticides, disinfectants. Especially useful for the small garden and the flower garden, or for house plants. Price: 1 qt. size, 50c.

COMPRESSED AIR SPRAYERS



BROWN'S AUTO SPRAY consists of a solution tank, holding about 4 gallons. The tank is made of galvanized steel or heavy brass. A brass air pump is located inside the solution tank, protected from injury and is provided with our cam-locking device which closes the filler opening air tight with a half-turn of the wrist. The entire machine is made without screws or bolts and no tools of any kind are required to take it apart.

To Operate—Remove pump with a half-turn, fill tank two-thirds full of solution, replace pump and with a few strokes compress air on solution. Then direct the spray.

Two Pumpings will discharge the contents. Price: No. 1-D, Galvanized, \$6.50; No. 1-B, Brass, \$10.00. Shipping weight, 11 lbs. By Mail, add Postage.

PERFECTION SPRAYERS

A COMPRESSED AIR SPRAYER that is riveted. An extra strong sprayer. The automatic shut-off nozzle is built for high pressure work. Four gal. capacity. Price: Galvanized, \$6.50; Brass, \$10.00.

JUNIOR PERFECTION—A small compressed air sprayer of the "Perfection" type. The capacity is 2½ gal. and owing to the fact that it is not so heavy, it is a great favorite among the ladies. Price: \$4.75; postpaid, \$5.00.



BUCKET PUMPS

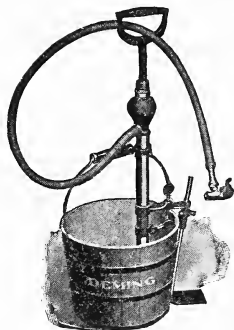
Red Cross Brass Bucket Pump.

DOUBLE acting, works on both up and down stroke and throws a continuous stream. Can be used with any ordinary pail or bucket. Pump has seamless brass body cylinder, heavy brass plunger, brass ball valves, is equipped with a Bordeaux nozzle, 3½ feet of rubber spray hose and strainer on bottom to prevent clogging. Shipping weight 6 lbs. Price \$4.00; by mail, add postage.

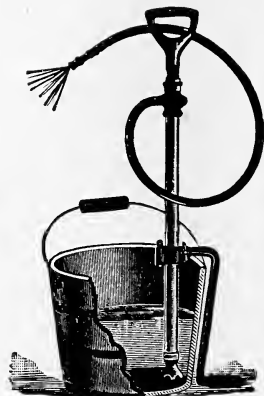
DEMING'S PERFECT SUCCESS

HAS BRASS ball air chamber to cushion the stream giving it uniform pressure. Working parts same as Brass bucket spray No. 1. Can be fastened to bucket and entire outfit carried from place to place. Comes with 4 feet ¾ inch discharge hose and Bordeaux nozzle. Shipping weight, 12 lbs. Price \$7.00; by mail, add postage.

Get our prices on insecticides and fungicides. We can give you quality and save you money.



Perfect Success.



SPRAY YOUR ORCHARD AND SAVE YOUR FRUIT

PORTABLE SPRAYER R-336 B

MYERS

Made of extra heavy galvanized iron: capacity 12½ gallons. Pump has patented cog-gear handle. The valves are brass ball with a brass seat. The dasher agitator keeps the material stirred.

This sprayer comes with 15 ft. ½ in. 5 ply discharge hose, 8 ft. extension and Vermorel Nozzle. An excellent all around pump and is especially handy where turning in narrow places is necessary. Price: \$25.00.

DEMING'S CENTURY BARREL PUMP THE BEST BARREL SPRAYER EVER MADE

For twenty years the leader among barrel sprayers. Pronounced by the leading growers as "the best all-around barrel sprayer on the market." Will supply two leads of hose and two nozzles.

The "Century" is proof against corrosion, as all working parts are brass; is so substantially constructed as to be practically exempt from breakage; is easy to operate and a fine buy for the orchardist.

Universal Iron Base—adjustable to any size or depth of barrel—fits the flat head or curved side of barrel. This, with foot lug, keeps pump absolutely rigid during operation. Base fits 7x10 inch hole. Four hook-bolts with large thumb nuts attach base to barrel head. The cylinder has a 4-in. stroke and is always submerged and primed. Plunger has special fabric packing, chemically treated. Solid bronze valves and bronze valve seats. By removing four bolts, both suction and discharge valves may be taken out for examination and repairs. Twin paddle type agitator. Brass discharge "Y" for two leads of hose.

We recommend this as the best barrel pump procurable, regardless of price. Weight, 75 lbs. This pump comes complete with 12½ feet of ½ inch discharge hose and Demorel nozzle. Price: \$18.50.



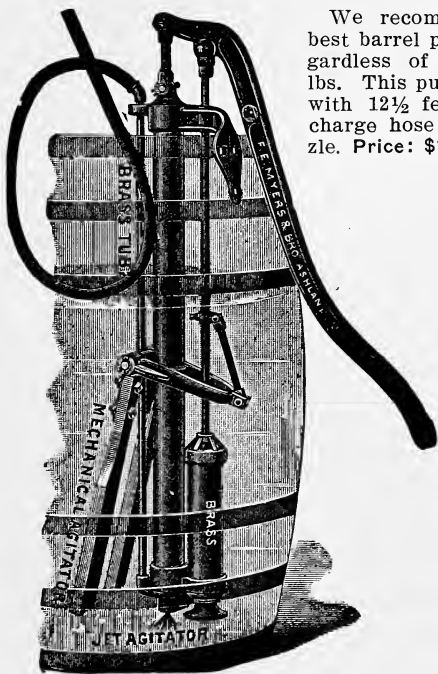
IMPROVED BRASS BARREL SPRAYER No. 305 B

MYERS

The entire pump sets inside the barrel containing the liquid, being bolted fast at its upper end to the barrel staves. The working parts are entirely submerged in the liquid, avoiding all possibilities of losing priming.

This pump has bronze ball valves and brass seats; the plunger is brass, fitted with hemp packing. Will handle hot, cold or any caustic mixture. The cylinder and discharge pipes are all brass. The air chamber is 30 inches in length, enabling the pump to throw a uniform and elastic spray.

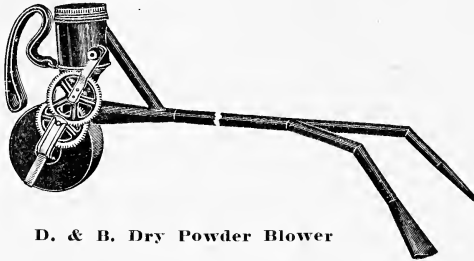
It has good leverage, is very powerful and easily operated. Complete, with one lead of 15 ft. 5 ply discharge hose, graduating Vermorel Nozzle and mechanical agitator. Price: \$14.00.



SPRAYERS—Continued

DUST SPRAYERS

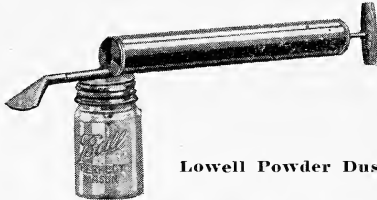
LOWELL BLOW POWDER SPRAYER



D. & B. Dry Powder Blower

D. & B. DRY POWDER BLOWER—Used for slugshot, gardite, powdered arsenate of lead, Paris green, sulphur, etc. Holds over a quart of powder. Made of heavy tin. The spray is blown out by a fan operated with gear wheels, which are machine cut and therefore run smooth and easy. An agitator provides a constant flow of powder, with a gauge regulating the amount of powder to be used. Will cover two rows at the will of operator. Can also be used for tree spraying by connecting tubes. **Price: \$10.00.**

LOWELL POWDER DUSTER



Lowell Powder Duster

LOWELL POWDER DUSTER—A hand duster that works on the principle of an atomizer. The reservoir is a Mason jar, so that you can see at all times how much powder you have. The amount of dust blown is governed by the rapidity of the strokes of the plunger. Cannot be mailed. **Price: 90c.**

FEENY DUST GUN

FEENY DUST GUN—A hand duster made entirely of tin. Excellent for blowing any kind of a powder. Many of our customers use this gun to fight insects in the house, such as ants, roaches, etc. **Price: \$1.00; by mail, \$1.10.**

EXTRA PARTS FOR SPRAYERS

SPRAY NOZZLES

Bordeaux Nozzle.....	\$0.90	Sprinkling Nozzle.....	\$0.30
Vermorel Nozzle.....	.75	Male End.....	.25
Imperial Nozzle.....	.40	Female End.....	.25
Y.....	.50	Bend.....	.25

BAMBOO EXTENSION RODS—8 feet long. **Price: Each, \$4.50; with stop-cock, \$5.50.**
EXTENSION PIPES—Iron, 4 feet. **Price: 40c each.**

EXTRAS FOR AUTO SPRAYERS.

	Price
Auto-Pop Nozzles	\$1.50
Auto-Pop Nozzles, with hose	2.00
Extension Pipe, brass, 2-foot length.....	.70
Brass Elbow Extension .....	.35

RAFFIA

WE WILL furnish you the finest quality of Raffia on the market in different colors. The natural Raffia is also used for tying up plants in field or greenhouse. **Price: Natural, lb., 30c; skein, 10c; colored, skein, 15c; 1 lb. pkg., \$1.00. Postage extra.**

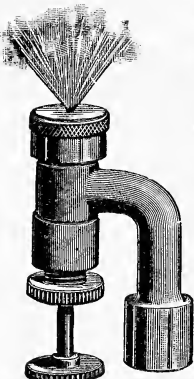
REED

USED for basket making, lattice work, etc. We carry all sizes adapted for schools, homes, etc.

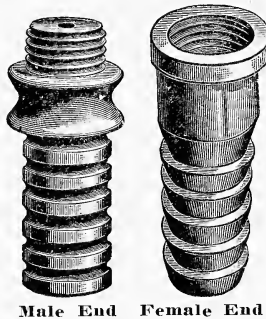
No. 1	1 Roll, \$0.15	1 lb., \$1.15
No. 2	1 Roll, .15	1 lb., 1.10
No. 3	1 Roll, .15	1 lb., 1.05
No. 4	1 Roll, .15	1 lb., 1.00
No. 5	1 Roll, .15	1 lb., .95
No. 6	1 Roll, .15	1 lb., .90

Postage Extra.

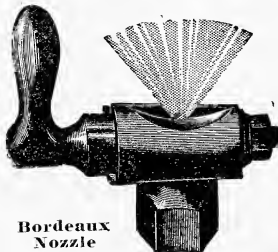
PRISCILLA BASKETRY BOOK—An excellent book for the amateur as well as the experienced. **Price: 35c, postpaid.**



Vermorel Nozzle



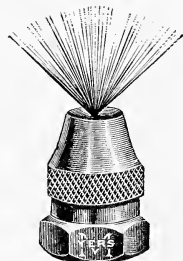
Male End Female End



Bordeaux Nozzle



Imperial Nozzle



Sprinkling Nozzle

INSECTICIDES AND FUNGICIDES

Goods marked * can be mailed at buyer's expense.

Goods not marked cannot be mailed.

APHIS PUNK* (40 Per Cent Strength, for Fumigating)—Specially prepared for Greenhouses and Conservatories. It vaporizes the nicotine economically and evenly. Nothing keeps a house free from Aphis, Thrip and other parasites so thoroughly and cheaply. **Price: Box of 12 rolls, \$1.00; 1 case 12 boxes, \$10.00.**

***ARSENATE OF LEAD POWDER** —The best known and most extensively used stomach poison for insects. It is safe to use on most plants, possesses good adhesive qualities, shows white when sprayed and owing to its fineness remains in suspension well in water. It can be combined with Nicotine, Kerosene Emulsion, Bordeaux Mixture, Lime-Sulphur and Soap, without impairing the efficiency of either. The powder is rapidly displacing the paste, because the powder can be handled more easily, will not freeze, and owing to the saving in freight due to the absence of water. For general use, 1 lb to 50 gallons of water, or 3 teaspoonfuls to 1 gallon of water. **Price: ½ lb., 30c; 1 lb., 50c; 5 lbs., \$2.00; 10 lbs., \$3.25; 25 lbs., \$7.00; 50 lbs., \$12.50; 100 lbs., \$24.00.**

†*ARSENATE OF CALCIUM (Powder)—A preparation somewhat similar to Arsenate of Lead, lime being substituted for lead and contains a higher percentage of arsenic oxide. It is used for control of chewing insects upon plants whose foliage is not tender. This poison should not be used on peach, cherry, plum or other stone fruits, but may be used on apple, pear, grape and many vegetables. It is excellent for killing potato bugs. It may be combined with Lime-Sulphur or Bordeaux Mixture without depreciating the value of the fungicide or the insecticide. **Price: ½ lb., 25c; 1 lb., 45c; 5 lbs., \$2.00.**

†*BORDEAUX MIXTURE POWDER (Fungi-Bordo) —For blight, mildew, rust and fungus diseases. For ordinary use it takes 6 lbs. to 50 gallons of water; for peach trees and trees with tender foliage use 6 lbs. to 65 to 70 gallons of water. **Price: 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.75; 25 lbs., \$6.50.**

†*BORDO LEAD POWDER—Combined insecticide and fungicide. In one operation it kills chewing insects and prevents blight rot, mildew and fungus. Can be used for dry dusting or wet spraying. Best complete spray for gardens. One pound makes 7 gallons. **Price: ½ lb., 30c; 1 lb., 50c; 5 lbs., \$2.00.**

†BORDO LEAD PASTE—Has same effect as Bordo Lead Powder. One pound makes 3½ gallons of spray. **Price: 1 lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.50.**

***FISH OIL SOAP**—Used as a wash during the summer to prevent spread of scale. Destroys sucking insects and plant lice. Also used as a spreader for nicotine sprays. **Price: ¼ lb., 10c; ½ lb., 20c; 1 lb., 35c.**

***FLOWERS OF SULPHUR**—Used to check mildew and fungus diseases. **Price: 1 lb., 15c; 10 lbs., \$1.25; 25 lbs., \$2.50.**

***GARDITE**—A powder that is applied when dew is on the leaves. Used for cabbage worms, cucumbers, and all garden truck. **Price: 1 lb., 35c; 5 lbs., \$1.00.**

***GRAPE DUST (Hammond's)**—Used as a dust to check mildew, dry rot and other fungi. **Price: 1 lb., 30c; 5 lbs., 75c.**

***GRAFTING WAX**—Used for grafting. Also good to rub over any wounds that are made on the bark or in pruning. **Price: ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c.**

***HELLEBORE**—Used for worms on currants and gooseberries. Use 1 oz. to 1 gallon of water. **Price: ¼ lb., 25c; ½ lb., 40c; 1 lb., 75c; 5 lbs., \$3.25.**

KEROSENE MISCIBLE OIL—Valuable against all soft-bodied insects. Can be used wherever nicotine is used. **Price: 1 pt., 45c; 1 qt., 75c; 1 gal., \$1.75.**

***†LIME SULPHUR POWDER**—Used as a dormant spray against scale insects. Has certain fungicidal properties. Use 10 to 12 lbs. to 50 gallons of water. As summer spray, use 2 lbs. to 50 gallons of water. **Price: 1 lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.00; 25 lbs., \$4.50.**

LIME SULPHUR (Liquid)—Has same effect as the powder. Protect the hands with gloves when applying. Dilute with 10 parts of water. For summer spray dilute with 40 parts of water. **Price: Qt., 50c; ½ gal., 75c; gal., \$1.00; 5 gal., \$4.00.**

NIKOTEEN (30%)—An economical and powerful nicotine extract. Death to Aphis or Green Fly, Spider, Mealy Bug, Thrip and many other forms of flower, fruit and vegetable lice. **Price: Small bottles, 25c and 50c; ½ lb., \$1.25; 1 lb., \$2.25; 4 lbs., \$7.25; (40% strength) 4 lbs., \$8.00; 8 lbs., \$15.50.**

NICOFUME PAPER—For fumigating greenhouses. It vaporizes the nicotine evenly and economically. **24 sheets, \$1.50; 144 sheets, \$6.50.**

PARIS GREEN—Apply dry or in a solution of water. Paris Green is a strong and best known poison for potato bugs. Its effectiveness is recognized by all potato growers. Do not use on some fruits. On apple and other fruits use with Bordeaux Mixture. Never mix Paris Green with Lime-Sulphur solution. **Price: ¼ lb., 15c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 85c; 5 lbs., \$2.00; 14 lbs., \$5.00; 28 lbs., \$9.75.**

SCALECIDE—A dormant spray for scale. Mix 1 part Scalecide to 15 parts water. **Price: 1 qt., 60c; 1 gal., \$1.45; 5 gals., \$5.30; 10 gals., \$9.85; 50 gals., \$39.50.**

***SLUGSHOT**—A light, composite, fine powder applied with dusters or bellows or in water by spraying. Thoroughly reliable in killing currant worms, potato bugs, cabbage worms, chicken lice, slugs, sow bugs, etc., and is strongly impregnated with fungicides. **Price: Cartons, 20c; 5 lbs., 50c.**

TOBACCO DUST—For aphis. **Price: 100 lbs., \$4.00.**

***TREE PAINT (Pine Tar)**—For painting on wounds after pruning. **Price: 1 pt., 30c; 1 qt., 50c; 1 gal., \$1.75.**

***TREE TANGLEFOOT (Caterpillar Paste)** — A sticky substance spread around the bark of trees to prevent creeping insects from climbing up the tree. **Price: 1 lb. can, 50c; 5 lbs., \$2.35; 10 lbs., \$4.50; 20 lbs., \$8.75.**

WEED KILLER (Key Weed)—Kills weeds in gutters, roads, paths, tennis courts, etc. Will not discolor cement. Easier and less expensive than hoeing and digging. Use 1 part Weed Killer to 50 parts of water. **Price: 1 qt., 70c; 1 gal., \$1.75; 5 gals., \$7.00; 10 gals., \$13.00; 30 gals., \$33.00; 50 gals., \$47.50.**

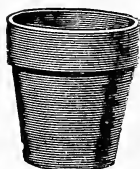
INSECTICIDE PRICES SUBJECT TO CHANGE

GARDEN IMPLEMENTS—Continued

CEDAR TREE TUBS

MADE of the very choicest seasoned cedar, highly finished with black hoops; will last twice as long as cypress tubs.

	Diam.	Height	Price		Diam.	Height	Price
No. 1.	12 in.	10½ in.	\$2.50	No. 3½.	16½ in.	15¾ in.	\$3.90
No. 2.	13 in.	13 in.	3.25	No. 4.	19½ in.	17 in.	5.50
No. 3.	14½ in.	15 in.	4.00				



Flower Pot.

RICHMOND STYLE TREE TUBS

THESE Tree Tubs are made of the same selected Virginia White Cedar, bound with flat steel hoops.

	Top Diam.	Depth	Price		Top Diam.	Depth	Price
No. 4B.	9 inch	9 inch	\$1.00	No. 6B.	11 inch	10 inch	\$1.50
No. 5B.	10 inch	9 inch	1.10	No. 7B.	12 inch	11 inch	1.75



Cedar Tree Tubs.

FLOWER POTS

We are headquarters for Flower Pots of every description. Send us your orders.

	Doz.	Each		Doz.	Each
2½ inch	\$0.30	\$2.00	7 inch	\$0.15	\$1.50
3 inch	.40	3.00	8 inch	.20	2.25
4 inch	.50	3.75	10 inch	.75	—
5 inch	.65	4.75	12 inch	.95	—
6 inch	1.10	7.75	14 inch	1.90	—

SAUCERS.

	Each	Doz.		Each	Doz.
4 inch	\$0.03	\$0.30	8 inch	\$0.15	\$1.50
5 inch	.05	.50	10 inch	.25	2.75
6 inch	.07	.80	12 inch	.35	3.75
7 inch	.10	1.10			

BULB PANS.

	Each	Doz.		Each	Doz.
6 inch	\$0.10	\$1.10	6 inch	\$0.10	\$1.10
8 inch	.20	2.25	8 inch	.20	2.25

FERN PANS.



Plant Sprinklers.

PLANT STAKES AND POT LABELS

Natural Cane Stakes.

6 ft., doz.	\$0.20	100	\$1.50	10 ft., doz.	\$0.50	100	\$4.00
8 ft., doz.	.35	100	2.50				

PLANT STAKES—Bamboo.

Painted Green.

1 ft., doz.	\$0.10	100	\$0.75	3 ft., doz.	\$0.18	100	\$1.25
1½ ft., doz.	.10	100	.85	4 ft., doz.	.20	100	1.50
2 ft., doz.	.15	100	1.00				

Dahlia Poles, Painted Green.

5 ft., doz.	\$1.40	100	\$11.00	6 ft., doz.	\$1.50	100	\$12.00
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POT LABELS.

	Per 25	Per 100	Per 1000		Per 25	Per 100	Per 1000
4 inch	\$0.05	\$0.20	\$1.50	8 inch	\$0.15	\$0.50	\$3.50
5 inch	.05	.25	2.00	12 inch	.35	1.50	—
6 inch	.08	.30	2.50				

WIRED TREE LABELS.

3½ x ½-in., per 1000	\$3.25	5 x 1½-in.,	\$150 pkg. of 200.
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RUBBER PLANT SPRINKLERS

SCOLLY PLANT SPRINKLER—Made of the best rubber. Used for spraying house plants, sprinkling clothes, etc. Price: \$1.75.

PUTTY BULB—The best appliance for distributing putty. Used by a large number of leading florists. Price: Each, \$1.50.

LAWN SPRINKLERS

ELGIN SPRINKLER—Each year meets with a greater sale of these. Has iron stand which will slide over the grass. Nothing to get out of order. Price: 75c.

RAINBOW SPRINKLER—An all brass sprinkler with iron base. These sprinklers are of the rotary type, all of the working parts are brass and for that reason will last forever. The best rotary sprinkler made. Price: Each, \$2.50; by mail, \$2.60.

HOSE MENDERS

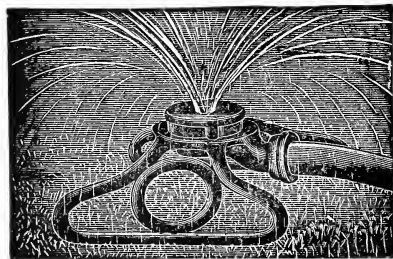
"PERFECT CLINCHING" HOSE MENDER—The best mender on the market. Easy to put on and no danger of leaking. Price: ½-inch, ¾-inch and 1-inch, 10c each; \$1.00 per doz.

"PERFECT CLINCHING" HOSE COUPLING — A self-fastening coupling that does not require extra bands, bolts or wires. Price: ½-inch, ¾-inch and 1-inch, 25c each.

RUBBER HOSE WASHERS—Price: ¾ inch, Doz., 5c; 1 inch, doz., 10c.



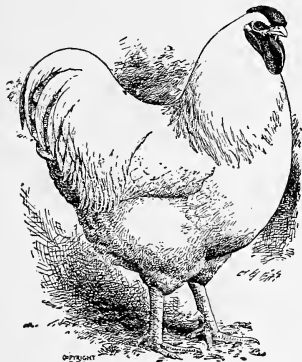
Richmond Tree Tubs.



Elgin Sprinkler.

LARGEST POULTRY SUPPLY HOUSE IN THE WEST

"EVERYTHING FOR THE POULTRY YARD"



quirements.

The items listed on the following pages represent sixteen years of experiments and tests to determine the accessories that would be of the greatest service to the poultryman and enable him to secure the largest profits with a greater saving of time, labor and expense to all interested in poultry.

To the service we have rendered in the past and to the success attained by our customers can we attribute the marvelous growth of our poultry supply business and today we number among them the largest poultry farms of the country for they know that we are able to take care of their re-

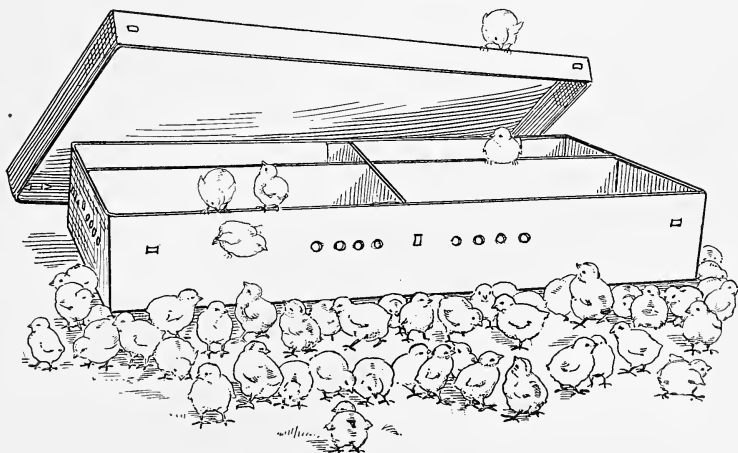


But there are thousands who only raise a few chickens that depend upon us entirely for their supply of poultry equipment, feeds and remedies. Large as we are, your problems will always have our best consideration. Experts are at your service at all times to assist you in your poultry problems, and we want you to feel at liberty to call upon them to assist you to make your poultry pay.

"Everything for the Poultry Yard" can be had from us and your orders will have our best attention.

BABY CHICKS

CONKEY'S
BUTTERMILK
STARTING
FOOD
IS THE
IDEAL
BABY CHICK
FOOD
IT WILL
RAISE
THE CHICKS
FOR YOU



DON'T
FORGET TO
ORDER
STARTING
FOOD
AND FINE
GRIT
WHEN
YOU ORDER
YOUR
CHICKS

From February 1st to July 1st, we are able to supply the following breeds of baby chicks:

White Leghorns
Anconas
S. C. R. I. Reds
Buff Rocks
Buff Orpingtons

Brown Leghorns
Black Minorcas
Barred Rocks
White Wyandottes
White Orpingtons

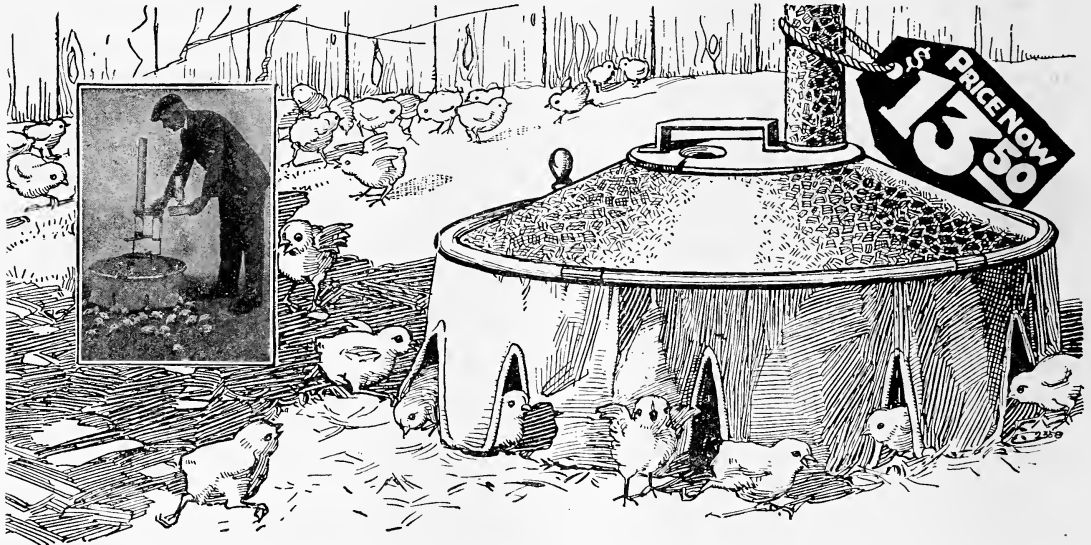
Buff Leghorns
R. C. R. I. Reds
White Rocks
Silverlaced Wyandottes
Light Brahmas

White Pekin and Indian Runner Ducklings.

WRITE FOR SPECIAL PRICE LIST ON BABY CHICKS.

The International Sanitary Hover

Raises Better Chicks, Stronger Chicks, and a Higher Percentage of Chicks Entrusted to its care than any other Brooding Device made.



This is not only a statement based on the 10 years' experience of thousands of users, it is a positive guarantee behind every International Hover.

The time is past for any comparison of the International with the ordinary hover. Its supremacy is now acknowledged from the Atlantic to the Pacific Coast, and by the smallest to the largest poultry raisers.

Remember first, that the extraordinary results that the International Hover gives are due to basic, exclusive patents that are not duplicated in any other brooding device.

Here are the facts about it.

The entire wall of the International Hover is a

canvas curtain lined with a woolen substance. This curtain holds the heat in, but being porous, permits a continual circulation of fresh, pure air clear through the hovering space, without any draft. The heated air (there is no direct heat) is circulated, by scientific principles, against the "ceiling", or dome, of the hover, radiating warmth down over the backs and bodies of the chicks. The heat is so circulated that it is warmer at the edges of the curtain than near the center.

Here are the results from it.

There is no leg weakness, warmth comes from above. There is no smothering of chicks, due to impure air, because of the thorough ventilation through the canvas curtain. There is no loss of chicks from colds, because the curtain prevents all drafts. There is no crushing of chicks from crowding, because the circulated warmth keeps the chicks distributed all over the area, and the round construction makes it impossible for chicks to "pack" each other in corners.

The lamp is enclosed in a cell that is entirely walled away from the chick area. There is no possibility of fire, smoke or oil getting into the hovering space.

Now you can see why the International makes such wonderful chick raising records.

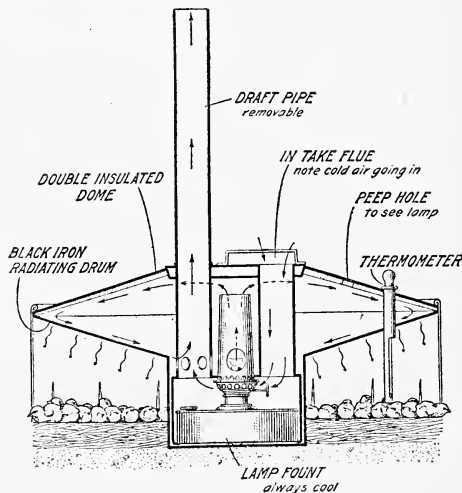
The International Hover is being adopted by not only the family poultry raiser, but some of the largest poultry raisers of America. In addition to the superiority of the International Hover, as a hover, they have found that raising chicks in units of 100 or less is far more practical than any other plan.

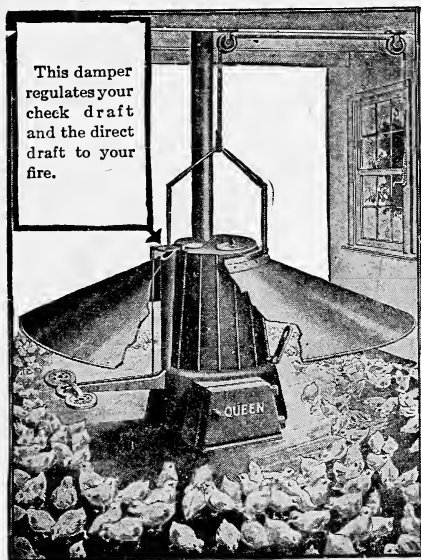
Simple as A, B, C, to handle.

When you set the International Hover down, you have set it up. No carpenter work is necessary. It is self-contained, light, and as easily carried from place to place as a basket. The entire heating unit lifts out by a handle from the top, for filling or cleaning—no stooping over to get it. A peep-hole on top shows you the condition of the lamp flame. You can pick out the thermometer from the top, and know exactly what the temperature is at the chick's level. The temperature is maintained unvarying by the lamp.

Hundreds in the past have been unable to get International Sanitary Hovers at the time they wanted them, because the demand exceeded the supply.

Write at once for your copy of the large, beautifully illustrated poultry booklet "Better Than a Mother Hen". Or better still, place your order now. Remember the new, low price is only \$13.50 complete.





QUEEN BROODER STOVES

THE Queen Colony Brooder is a new and improved design of brooder stove. It is made of highest quality iron castings that will wear and last indefinitely.

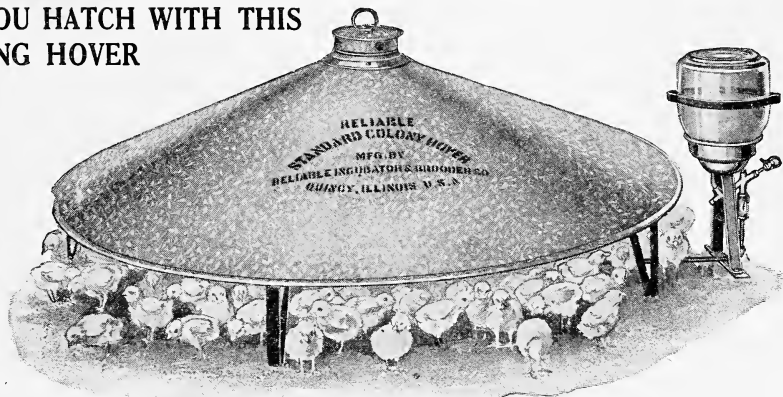
There are no drafts on the smoke pipe of the Queen. The check rests on top of the stove and opens outward when fire is too warm, thus giving a gentle inflow of air to retard the heat. While the opening of the draft to increase the fire is located at the top of the stove, it opens into the fire at the base through an opening extending down the side to the bottom. This feeds the draft into the fire from underneath with no opening below the hover. As will be seen from the illustration, the check and the draft lids are cast together and operated together. Thus, when the fire is too hot, the wafer expands and closes the draft and opens the check, both at the same time. When it is too cool the wafer contracts and closes the check and opens the draft.

	No. 1 500-Chick Size	No. 2 1000-Chick Size
Height to top of stove.....	18 inches	21 inches
Diameter of cylinder	10 "	11 "
Diameter of hover	42 "	52 "
Diameter of grate	9 "	10 3/4 "
Height of hover from floor...	8 1/2 "	11 "
Price	\$20.00	\$25.00

RAISE EVERY CHICK YOU HATCH WITH THIS OIL-BURNING HOVER

THIS is the most popular and efficient hover ever manufactured. It is a proven success. During the past season it attained a position of supremacy hard to equal, much less to excel. Its many fine points has made it appeal to the poultryman and we know that some day it will take the place of the coal brooder entirely.

Burning Coal Oil, which is cheap and always obtainable, is one great thing in its favor. The flow of oil is regulated automatically and economy of operation, simple construction and its excellent hovering ability has made the oil-burning hovers the master of the field.



Oil Burning Hover.

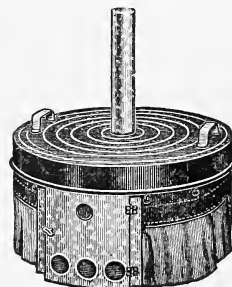
No.	Size Hover	Weight Complete Hover	Price of Heaters Only	Price of Canopy Only	Price of Complete Hover
0	30 inch	40 lbs.	\$10.50	\$ 8.45	\$17.50
1	42 inch	45 lbs.	11.80	10.40	18.50
2	52 inch	55 lbs.	13.50	14.50	21.50

THE ECONOMY BROODER HOVER

The Economy Hover can be used anywhere with perfect safety and only a very small flame is required to keep up the temperature as the lamp is inside, and no heat is lost. The lamp is held securely in the lamp slide and the slide is an accurate fit in the lamp box, so that no adjustment of the lamp is necessary — simply push the slide in as far as it will go. The Curtain is double and made of heavy ducking and outing flannel. It is attached to the drum of the hover with eyelets and large hooks.

You can put a hundred chicks under this hover if you wish to keep that many together; but we advise flocks of not more than fifty to seventy-five.

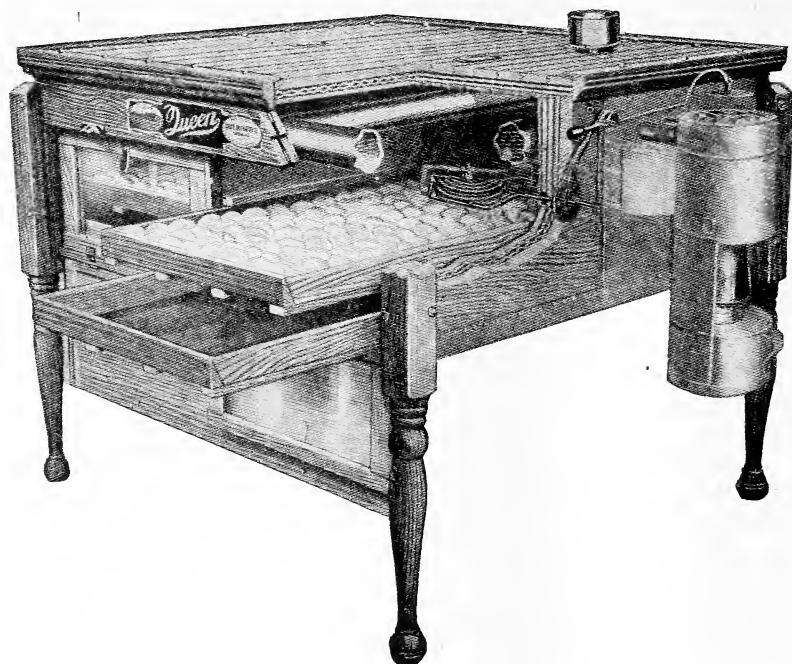
No. 1.	Size 18 in. Drum.	(Shipping weight, about 20 lbs.)	Price.....\$ 7.50
No. 2.	Size 22 in. Drum.	(Shipping weight, about 38 lbs.)	Price.....\$11.00



Oakes Economy Hover

QUEEN HOT-WATER INCUBATORS

Read the Name Twice. It Describes the Incubator.



STOP HATCHING WEAK CHICKS

with a cheap incubator.

A Queen costs no more than other good incubators and the extra chicks that will live and grow will more than pay the difference between the Queen and a cheaper machine. It is not a matter of price but of how many chicks you raise from those you hatch that counts; chicks that hatch out strong and healthy are the chicks that will live and take away the disappointments of poor hatches and sickly chicks, which die after a day or so. If you want chicks of strength and vitality, use a Queen.

How the Queen Keeps the Temperature Even

Insulation is what prevents the easy entrance or escape of heat and upon the temperature of the machine depends the hatch. The Queen is doubly insulated. First, only the best of California Redwood is used for the walls, which are double and between which is dead air space, and between these walls corrugated strawboard is used, making them doubly safe. This system of insulation adds to the cost of manufacturing, but it also means the proper temperature throughout the hatching period, less fuel and stronger chicks. Be sure that the incubator you buy is properly insulated.

The Construction of the Queen Incubator

The Queen is the sturdiest built machine on the market today and the material that enters into the construction of the Queen is the very best. Double Redwood wall construction all around. Redwood is the best wood obtainable for incubators, as it does not warp, split nor absorb moistures or odors during use. It is far superior to metal, as metal is a conductor of heat and therefore a poor insulator. The construction of the Queen will appeal to anyone interested in incubators.

Other prominent features of the Queen incubator are: Simple to regulate, Self-supporting Egg Trays, Double Doors—one solid wood panel and one all glass—copper boiler with cross pipes, which gives even temperature to all the walls at the same time and do not rust out. We guarantee every Queen incubator that we sell.

No. 1	85 egg	\$27.50	No. 5	400 egg	\$ 68.00
No. 2	135 egg	37.50	No. 25	600 egg	103.00
No. 3	180 egg	44.50	No. 35	800 egg	132.00
No. 4	275 egg	57.75	No. 45	1000 egg	157.00

Style K Incubators No. 20, 70 eggs, \$16.50; No. 21, 130 eggs, \$27.50; No. 22, 220 eggs, \$36.75.

Queen Electric Incubator Heater—Alternating current 110 volt. The attachment can be attached to your machine in ten minutes time and detached as quickly and your lamp put in place. You can readily see that if anything should happen to your electricity you can have your coal-oil lamp burning in ten minutes. You take no chances when using the Queen electric Incubator Heater. Add price of heater to incubator price. Price of Heater \$15.00 F. O. B. St. Louis, Mo.

Write for Free Queen Catalog Which Gives Full Description of Each Machine and the Electric Heater.

THE PRAIRIE STATE INCUBATOR

IN THE "Prairie State" we offer what we consider as the best Hot Air Incubator on the market.

The simplicity of construction and operation of the "Prairie State" make it ideal for the amateur as well as for the experienced poultry raiser.

The machine is a developed product, having reached its present form through a process of experimenting in construction making it a perfect incubator which will meet every possible requirement, having the widest hatching ability, and reduce to lowest terms the chance of failure on the part of even the most inexperienced operator.

Today it stands as the criterion in modern incubator construction and design.

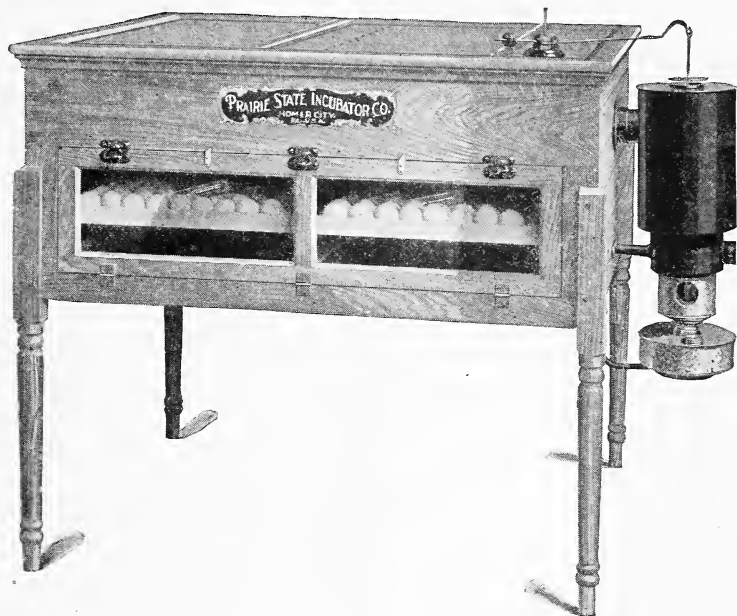
They are constantly in use in every part of the United States, where humidity is high and where it is low, as well as in the highest and dryest elevations of the Rocky Mountains.

Sanitary features have reached the highest possible stage of development in "Prairie State" Incubators.

The absence of cloths, felts and screens minimizes the collection of dust and other dirt.

The floor of the egg chamber is completely covered by the sand tray, which thoroughly protects it from contamination by down, effluvia and other filth resulting from the hatch.

At the close of the hatch, therefore, the sand trays may be easily withdrawn and dumped, thereby removing at once the entire accumulation of the hatch. These trays can then be quickly scrubbed, refilled and replaced, rendering the incubator thereby fit for another hatch without loss of time for cleaning and airing.



Standard Series No. 0, 100 eggs; 135 lbs., crated, price	\$30.00
Standard Series No. 1, 150 eggs; 160 lbs., crated price	37.50
Standard Series No. 2, 240 hen eggs; 240 lbs., crated, price	52.50
Standard Series No. 3, 390 hen eggs; 325 lbs., crated, price	67.50

Blue Hen Incubator

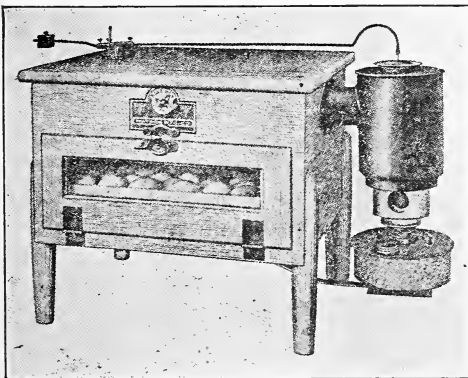
Little in Price—Big in Value.
A Big Little Machine.

SPECIALLY designed for those who want a little incubator at a little price. It is low priced but not cheap either in construction or appearance.

Eighteen inches high. 65 Egg capacity. Self-regulating and self-ventilating. Glass door—thermometer always visible. Double side walls, top and bottom. Uniform distribution of heat throughout to insure good hatches.

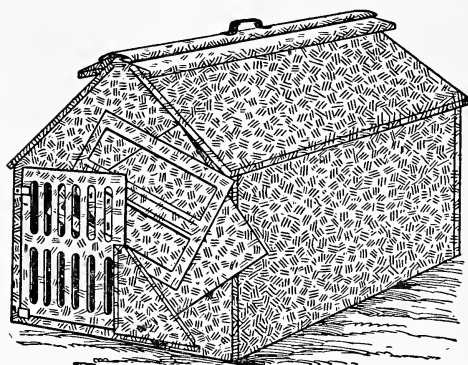
It is not a toy but a real incubator and just the machine for those who only want to hatch a few chicks at a time.

Price\$10.00



WRITE FOR POULTRY FEED PRICE LIST—MAILED FREE

THE UP-TO-DATE SANITARY BROOD COOP



MADE OF GALVANIZED IRON AND COLLAPSIBLE

For successful chicken raising it is necessary to protect the young brood from rats, cats, mink, weasel and other pests.

This you can do by using the up-to-date Brood Coop. It is the most successful coop on the market. It is sanitary; no bugs or insects of any kind can live in it. This coop is, as the name implies, up-to-date in every respect, has ventilated top and end. Our top ventilation gives a circulation of air through the coop. Size 24x20x18 inches high. Each, \$3.00.

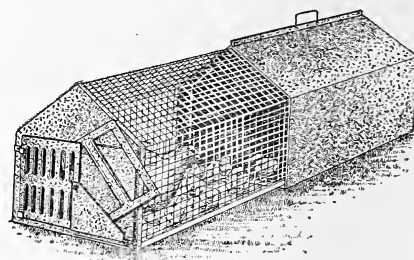
LAWN PARK EXTENSION COOP

This coop is a combination closed and open air coop. When the coop is extended it forms an open air coop. It keeps the hen and her brood together. The wire extension has no bottom. This allows the hen and little chicks to scratch and pick on the ground. It can be moved from place to place to give the brood a new place for scratching which they enjoy very much and makes them thrifty and prosperous. When the brood is confined in this coop it keeps the other fowls away from them and they are undisturbed. The bottom has a flange on each side extending upward so the little chicks cannot get their feet caught. When the extension is drawn out or pushed in the wire extension has three doors, the same as the up-to-date coop, which can be used either when coop is extended or closed. When desired close the coop by pushing in the extension.

They come nested one over the other and are packed one-half dozen in a wood crate and weigh about 188 pounds to the crate.

Size of coop extended, 46 inches by 20 inches and 18 inches high. When closed 24x20x18 inches.

Each, \$4.00.



THE COLLINS SPROUTER

The Collins Sprouter is made in units, eight individual pans, of high-class, thoroughly galvanized steel—one pan for each day of the week; and a drip pan at the bottom.

These pans are 11x15 inches, and one fits ingeniously on top of the other, doing away entirely with a frame or stand, and cutting out that expense for metal and labor.

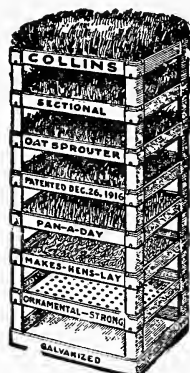
The seven pans are properly perforated so as to furnish the exact amount of drainage to insure the sprouting of practically every fertile oat, and to eliminate souring and rotting.

Another advantage in having no stand is that, after the season, the sprouter can be disassembled, stored away in such small space that it will not be constantly in the way, to be jammed around, bent or broken.

Owing to the construction of the individual pans a more uniform and prolific growth is insured.

The unique and ingenious formation of the sprouter makes a more firm, steady and substantial sprouter than where the stand is used, and the weight of the complete sprouter is, in corrugated box for shipment, kept down to fifteen pounds. Can be used very conveniently as a Fruit Evaporator in summer.

Made in three sizes.



Collins Oats
Sprouter

5 pans 11 x 15.....	\$3.00
8 pans 11 x 15.....	4.00
8 pans 11 x 32.....	8.00

Shipping Weight.....	9 lbs.
Shipping Weight.....	14 lbs.
Shipping Weight.....	28 lbs.

By mail add Postage.

HUMPHREY BONE CUTTER



In order to get the best results, poultry must be fed protein, and while there are some vegetables that have a large protein content, it happens that poultry care very little for these. Fresh bone has a large amount of protein and when cut in a Humphrey Bone Cutter, it is put in such shape that the hen's digestive apparatus not only can assimilate almost every particle, but there is no other food that poultry likes better.

Fresh bone will cost you nothing, or practically nothing. All you have to do is to get the habit of having a piece of bone sent from your butcher's when you give your daily order. In this way you will get fresh, untainted bone as pure and sweet as the meat you use on your table.

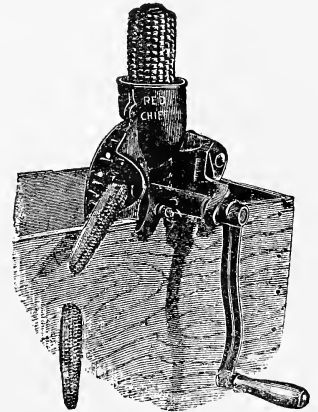
We claim that fresh bone is prepared better in a Humphrey Bone Cutter than by any other method. By preparing, we mean that the bone is cut into small flaky particles.

Humphrey Bone Cutter. Price. Each.....\$22.50

RED CHIEF CORN SHELLER

This Hand Corn Sheller has protected oval teeth shelling the corn without cracking the grains and is recommended for shelling seed corn. It shells clean but removes very little of the chaff. It clamps on any box, barrel or tub and can be used anywhere. The hopper is closed, thus eliminating pinching your hands and it throws the cob outside every time. It requires no wrench to take apart and the tension is on the cob and not on the hopper as on many shellers. The “Red Chief” Corn Sheller stands without equal.

Hand Sheller \$3.00



Corn Sheller.

RED CHIEF GRINDING MILLS

The “Red Chief” Grinding Mills are the ideal mills for cracking grain of any kind for poultry. They combine all the elements of rapid work, perfect grinding and require little power. These mills can be easily taken apart without any wrench and the same is true of all adjustments. All burrs and crushers are patented. We carry the “Red Chief” mills in the following sizes:



Grinding Mill—Hand.

- | | | |
|---------|------------------------------------------------------------------------------------------------------------|---------|
| No. 1. | For the small poultry raiser..... | \$ 5.00 |
| No. 2. | Much greater capacity than No. 1. Has feed gauge in hopper | 6.50 |
| No. 5. | Clamps to box or barrel; has white enameled hopper and feed gauge for grinding. Heavy balance wheel. | 8.50 |
| No. 10. | White enameled hopper, feed gauge and heavy balance wheel; extension crank..... | 10.50 |
| No. 15. | And ideal mill for engine or electric motor, one-horse power or more. Will grind 5 to 8 bushels per hour.. | 17.00 |
| No. 20. | An excellent mill for hand or mill power. Will grind 10 to 12 bushels per hour..... | 22.50 |

WRITE FOR PRICES ON BABY CHICKS

DRY MASH HOPPERS

A Dry Mash Hopper of great merit, made of heavy galvanized iron. All parts accurately stamped with dies. The curved bottom keeps the feed within easy reach of the birds, and the taper shape of the hopper—larger at bottom—prevents the feed from clogging.

The wire grid and the wires running from the flange through the wire grid prevent the fowls from throwing out or wasting the feed.

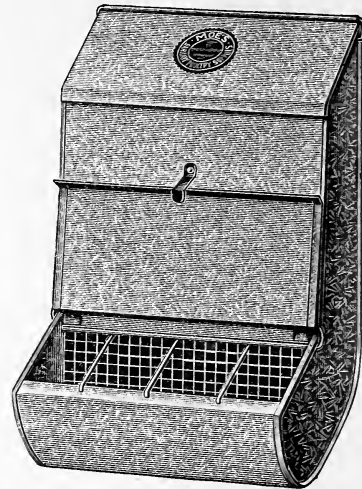
The sloping top prevents them from roosting on the hopper.

When both covers are closed it is rat, mouse, and weather proof.

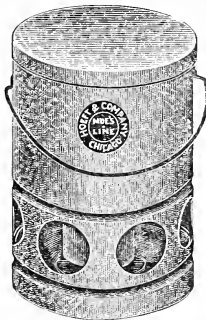
Made in three sizes.

No.	Height	Width	Shipping Weight	Each	Dozen
35	19 in.	8½ in.	5 lbs.	\$1.50	17.50
36	19 in.	12 in.	6 lbs.	2.00	23.50
37	19 in.	24 in.	11 lbs.	2.80	32.50

We Deliver Goods Free in the U. S. All Vegetable and Flower Seeds by the Packet, Ounce or Quarter Pound.



No. 36



PIGEON FEEDERS

Pigeons are particular and fastidious feeders with a strong tendency to scatter and waste feed. Moe's round Pigeon feeder was especially designed to overcome this. Made of heavy galvanized iron, with feeding holes properly spaced all around the hopper. The hopper has a slanting bottom leading through a large tube to the feeding bottom. This feeding trough or bottom is also made on a slant causing the birds to reach for the food and prevents them from billing the feed out and wasting it.

A practical, economical feeder which will soon save its cost.

No. 105—3 qt. capacity. Shipping weight 3 lbs. Each.....\$1.00

No. 106—6 qt. capacity. Shipping weight 4 lbs. Each.....\$1.50

By mail, add postage.

MOE'S ROUND BABY CHICK FEEDER



Moe's Round Baby Chick Feeder.

A great feed saver, as the little chicks cannot get into it and contaminate the feed. Can also be used for water. This is not a novelty, but a practical, well-made feeding device that will last for years. Made of the best grade of galvanized iron.

No. 11. Small size, \$0.15; Doz., \$1.75. Weight, 2 lbs.

No. 12. Large size, \$0.25; Doz., \$2.90. Weight, 4 lbs.

If above goods are wanted by mail, add postage.

Mark your Chicks with the Petty Poultry Punch. Punches clean hole and will not bruise the foot; 25c postpaid

WALL FEED PANS



Hangs on two nails. Easy to clean. Saves waste. Always out of the way. Wet or dry feeds. 6-inch (weight, 1 lb.), 20c; 12-inch (weight, 2 lbs.), 30c; 18-inch (weight, 3 lbs.), 40c.

SIMPLICITY CHICK FEEDER



Simplicity Chick Feeder.

This Feeder sets on the ground and is a long, trough-like feeder. Top bar keeps chicks from getting into the feed. This is an excellent feeder for mash, milk, etc.

One Sizes Only, 18 inches long.....\$0.35

NORWICH FEEDERS

The Norwich Exerciser and Feeder has established itself as the standard method of feeding poultry. Thousands of the machines have been placed on the market of nearly every civilized country and the feeder is heartily endorsed and recommended by leading and noted poultrymen of the country.

The Hopper is of sufficient size to carry a week's supply of grain for flocks of corresponding numbers, and is fitted with an adjustable valve for regulating the feed. The feeder is operated by the birds rotating the Bait Bar, the grain escaping from the Hopper down the Deflector and is scattered in a wide even circle; the birds are kept constantly in motion while feeding. A prong or tooth of the Agitating Disc instantly checks the flow of feed and in such quantities as the valve is set to discharge per revolution. One of the best offerings to the poultry raiser.

No. 1.	8-Quart Hopper, 13 lbs.	\$5.00
No. 2.	14-Quart Hopper, 15 lbs.	5.50
No. 3.	20-Quart Hopper, 20 lbs.	6.50
No. 4.	32-Quart Hopper, 27 lbs.	7.50



The Norwich Feeder.



The Apaco Feeder.

THE APACO POULTRY FEEDER.

The Apaco is built on the same lines as the famous Norwich Exerciser and Feeder, but is a hanging machine instead of being on legs.

The principles of automatic feeding are too well known to require detailed description of the benefits derived—it has been proven that the saving of grain effected by the system varies from 25 to 30%, while egg production is increased to a very considerable extent, in many cases as high as 18%, while again the constant worry, care and actual labor of feeding is reduced to simply filling the hopper once a week. Made in one size only, 9 quarts capacity. (Shipping weight, 5 lbs.) By mail add postage.....\$2.00

THE NORWICH AUTOMATIC DRY MASH HOPPER.

The problem of automatic dry mash feeding is solved in this wonderful machine. Operated with automatic vibrator rods, clogging is impossible, while the construction of the feed basin eliminates all waste. The mash is always fresh and clean and always the same amount before the birds.

Made in one size only, 20 quarts capacity.

Price: Shipping weight, 8 lbs. (Cannot be mailed.).....\$5.00

GRIT AND SHELL BOXES.

The feeding of grit, ground shells, and charcoal is now recognized as an essential part of the diet, to keep fowls in healthy, prime condition. There is no more economical method of supplying grit, etc., than with these practical, inexpensive compartment boxes. No solder used in their construction.

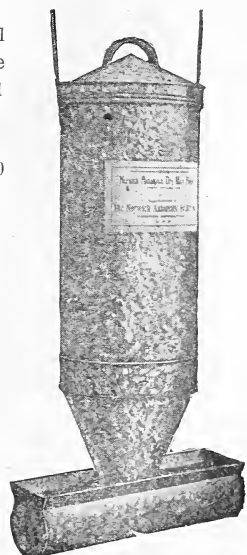
Can also be used as feed hoppers for little chicks.

Made of heavy galvanized iron in three sizes. The No. 45 for baby chicks has a square bottom, the other sizes have round bottoms.

No.	Compartments	Shipping Weight	Each	Dozen
45	Two	2 lbs.	.45	\$ 5.25
9	Three	3 lbs.	1.00	11.75
90	Four	4 lbs.	1.35	16.00



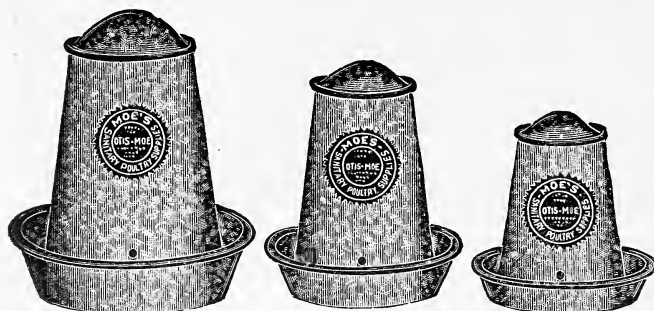
No. 9
Grit & Shell Box.



Norwich
Dry Mash Hopper.

By mail add Postage.

BOTTOM FILL FOUNTAINS



This fountain fills the breeder's requirements for a good inexpensive article. Made in two pieces accurately stamped and formed. Easily filled and cleaned. The round taper shape prevents bursting from freezing. The cone-shaped top prevents chickens from roosting thereon. Made of best quality galvanized in three popular sizes.

	Price	Shipping	Weight
No. 19—1 qt.	.25		1 lb
No. 20—2 qt.	.45		2 lbs
No. 24—1 gal.	.70		3 lbs

By mail, add Postage.

IMPROVED DROP BOTTOM FOUNTAIN SINGLE WALL.

This fountain combines the good qualities of the three fountains—Economy, Flat Back and Drop Bottom—which we formerly listed.

The pan, which forms the trough, is hinged at the back and fastened by a catch in front. The flat back allows the fountain to be firmly placed against the wall and the drop bottom enables the fount to be thoroughly cleaned and kept in a sanitary condition.

No. 1.	1/2 gallon	(shipping weight 3 lbs.)	\$1.00
No. 2.	1 gallon	(shipping weight, 4 lbs.)	1.25
No. 3.	2 gallons	(shipping weight, 5 lbs.)	1.50
No. 4.	4 gallons	(shipping weight, 8 lbs.)	2.25



Single Wall.

THE NORWICH AUTOMATIC AIR-LOCK FOUNTAIN

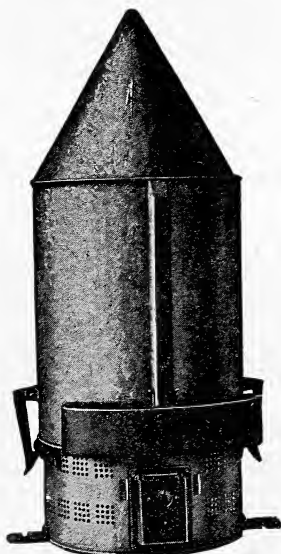
The construction of the Fountain is such that it is impossible for the birds to pollute or contaminate the water supply, as the water is consumed it is automatically replenished. Held in vacuum the water supply is always fresh.

Fitted with heater base. These Fountains have stood a temperature as low as 60 degrees below zero in Alaska without freezing.

The Burner Base holds three pints, sufficient kerosene to operate the Heater a week with one filling, burning constantly day and night.

Made in one size only, 5 gallons capacity. Shipping weight, 17 lbs.	
Complete with Burner Base.....	\$6.00
Without Burner Base 9 lbs.....	3.50
Base only 8 lbs.....	3.50

By mail add Postage.



Air-Lock Fountain.

SANITARY EARTHEN FOUNTAIN

Constructed of white stoneware, in two parts, so that it can be easily filled and cleaned. It is the best fountain for use in administering medicine in water to your poultry.

These fountains keep the water fresh and cool in the hot weather and are endorsed by many successful poultrymen.

Nothing to wear out on these founts and for use during these hot summer months they are unsurpassed. The different sizes will do for baby chicks, grown fowls or pigeons.



Sanitary Drinking Fountain.

Sanitary earthen founts are made in the following sizes:

SIZES AND PRICES.

1 quart	Each \$0.40	Doz. \$4.50	1 gallon	Each \$0.80	Doz. \$ 9.25
2 quarts	" .60	Doz. 7.00	2 gallons	" 1.00	Doz. 11.00

Half-Dozen NOT sold at the dozen price. Cannot be sent by mail.



TOP-FILL FOUNTAIN

Keeps the water cool in the summer. Prevents freezing in the winter.

FILL in the morning and your chickens have an all day's supply of pure water at just the right temperature.

The double wall keeps water cool in summer and retards freezing in winter. No valves to get out of order. Thoroughly sanitary and as easily cleaned as an ordinary pail. Does away with slopping over when being filled. Can be hung up out of the litter and the square pan prevents spilling at that time. The square pan also affords drinking facilities for two pans at the same time.

Fills from the top. Prevents all spilling and slopping over when being filled. The most popular fountain on the market.

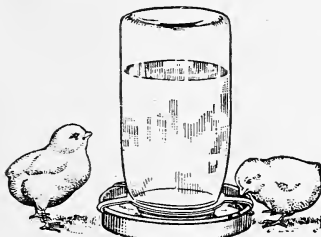
No. 1. 1-gallon capacity, shipping weight 4 lbs., each.....\$1.75

No. 2. 2-gallon capacity, shipping weight 7 lbs., each..... 2.40

By mail, add postage.

N. W. AUTOMATIC FEEDER AND FOUNTAIN

JUST the Fountain you have been looking for. It feeds water, grain, grit, oyster shell, etc., and is the most Sanitary Fountain on the market; having a glass reservoir, which is easily cleaned, and you can always see just how much water it contains without taking hold of it and is so simple any child can fill it. Weight, per doz., 5 lbs. Price, without jar: Each, 10c; doz., \$1.15. By mail, add postage.

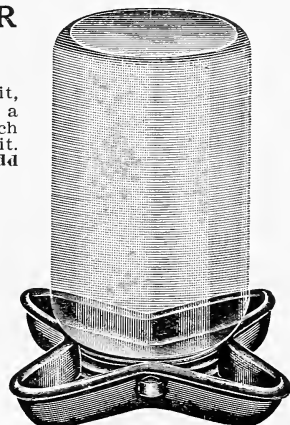


N. W. Automatic Feeder and Fountain.

MOE'S STAR JAR FOUNTAIN AND FEEDER

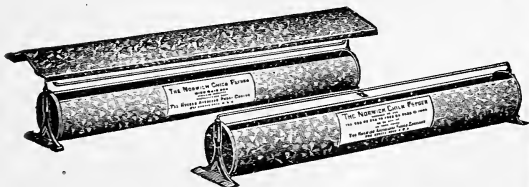
WILL fit pint, quart or one-half gallon Mason jar. Manufactured of one piece of non-rusting metal. No parts to come unsoldered. Leaking impossible. Convenient, cheap and sanitary. Provides greater drinking surface than the round fountain. Little chicks cannot get drowned. Can be used for feed as well as water. Manufactured in one size only. We do not supply jars. Weight per doz., 5 lbs. By mail, add postage.

	Each	Doz.
No. 32	\$0.15	\$1.50



Moe's Star Fountain.

THE NORWICH CHICK FEEDER

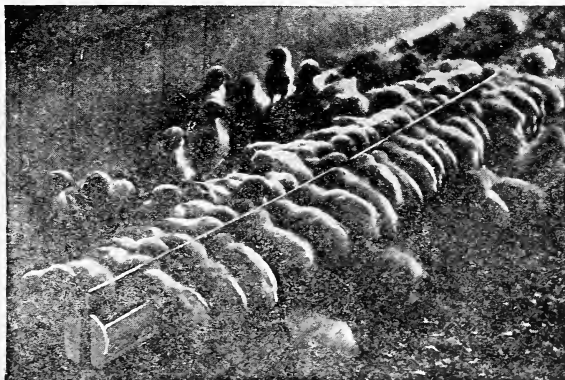


WITHOUT a doubt the best chick feeder ever invented. It is convex in shape, making it impossible for the chicks to pull or scatter the feed. Feed is protected by rod extending across the top of the feeder so that there is no chance of contaminating the feed.

The body of the Norwich Chick Feeder is of galvanized steel with ends riveted and burred to malleable iron brackets. Guard rod is removable to facilitate in filling and for thorough cleaning. It is water tight and may be used for mash, chick feed, sour milk or water with equal satisfaction.

It is the strongest and best chick feeder ever placed on the market and will last a lifetime—hence it is the cheapest feeder you can use.

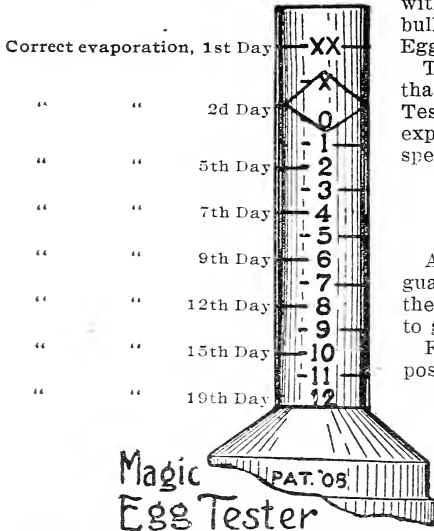
Made in one size only—20 inch with Rain Top—3 lbs., \$1.00; without Rain Top—2 lbs., 75c. By Mail, add Postage.



Hygienic Feeding. Fifty-one Chicks at Work on Two Feeders Attached to Board.

BREEDER'S MAGIC EGG TESTER

Showing How to Govern
Moisture During Incubation.



a No. 2 burner gives greater power than those now on the market. Use in dark room or closet.

For those having electric lights, we have made a simple, inexpensive, yet as efficient as the most expensive; hooks on side of egg case, or tacks up anywhere.

Price—Oil, 25c; Electric Light, 35c.

The Magic Egg Tester has revealed the true cause of infertile eggs, and the subject is made clear and plain in a bulletin included with the Tester. The poultryman who is interested must look to our bulletins sent out with every Tester for further uses of the Magic Egg Tester, as limited space will not permit discussing them herein.

This test is not by weight. A large egg, when rotten, weighs more than a new-laid egg of smaller size. The register of the Magic Egg Tester shows the quality of every egg to be just what it is; which explains the difference between the weight of an egg by scales and specific gravity.

Price, Each, \$2.50, Postpaid.

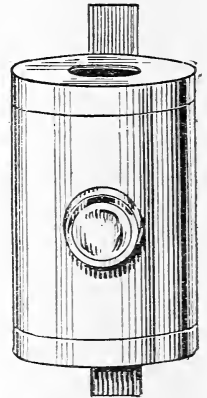
THE COLLINS EGG TESTER

Absolutely nothing to get out of order and guaranteed to be as efficient in testing eggs as the high priced ones having electric batteries to get out of order and be replaced.

Fits on No. 2 oil lamp burner and hole is opposite flame, no matter what height the lamp.

Every farmer should have one to test the nest eggs and eggs for blood spots, as most states now have severe laws against selling bad eggs. Incubator people use them to test fertility.

Put base on the lamp burner, then globe, then the pipe. Using the globe on



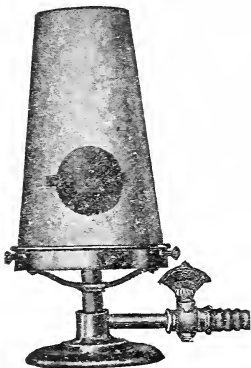
Electric.

BROODER LAMPS AND GAS HEATERS FOR INCUBATORS AND BROODERS

Our Gas Heaters are especially designed for the heating of incubators and brooders, and a gas burner designed for heating purposes can be operated at a much lower cost than a burner that is designed for lighting. These are blue-flame burners—the kind that turn every atom of gas into heat and don't waste any on light—a burner that can be operated at half the cost of an ordinary gas burner.

Our Gas Heaters are adapted to the use of natural or artificial gas.

Price, \$2.00; Postpaid, \$2.10.



Gas Heater, Complete.

INCUBATOR AND BROODER LAMPS

SIZES AND PRICES.

No. 1.	Including Sunhinge burner, chimney, and two 1/2-inch wicks	.....\$1.10
No. 2.	Including Sunhinge burner, chimney, and two 1 -inch wicks	..... 1.30
No. 3.	Including Sunhinge burner, chimney, and two 1 1/2-inch wicks	..... 1.60

Sent by parcel post, 20c extra.

Extras.

No. 1.	Lamp Fount.....each,	\$0.40	No. 1.	Chimneys	each,	\$0.30
No. 2.	Lamp Fount.....each,	.50	No. 2.	Chimneys	each,	.30
No. 3.	Lamp Fount.....each,	.70	No. 3.	Chimneys	each,	.30
No. 1.	Sunhinge Burner ..each,	.45	No. 1.	Wicks, 1/2-inch....doz.,		.20
No. 2.	Sunhinge Burner ..each,	.60	No. 2.	Wicks, 1 -inch....doz.,		.25
No. 3.	Sunhinge Burner ..each,	.75	No. 3.	Wicks, 1 1/2-inch....doz.,		.30

WRITE US FOR PRICES ON BABY CHIX

EXHIBITION POULTRY COOPS

BIRDS do not SHOW THEIR GOOD POINTS in a POORLY CONSTRUCTED COOP

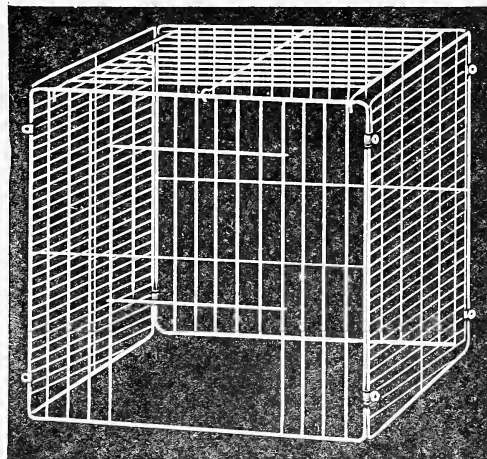
These exhibition coops, made of the best galvanized steel wire and sheet metal electrically welded, are the most attractive and best value on the market today. They contain no clips or projecting bolts to break the feathers of the fowl. The doors are large, making it easy to remove the birds or replace them.

The middle partitions are woven close, so the birds cannot fight when close together. By removing the middle partition you can combine two or more coops, as many as desired, for trios or pens. Two coops made in one are large enough for a pen of five birds.

No. 46. Single coop, 24x24x27 inches high,
Each, \$1.75; dozen, \$20.00.

Pen 48x24x27 inches high, Each \$3.00; doz. \$35.00.

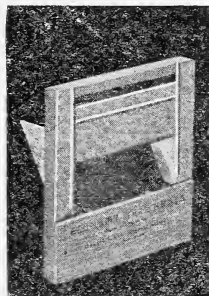
Exhibition coop cups.....\$0.20 ea.
postpaid25



Trap Nest Fronts.

With this front you can make the cheapest and most practical trap nest. Simply nail the front to a box. They will pay for themselves in stopping egg eaters and picking out the drones. We sell the traps only. Price: single trap (weight 3 lbs.) 50c; double trap (weight 5 lbs.) 95c; triple trap (cannot be mailed) \$1.35.

By mail, add Postage.

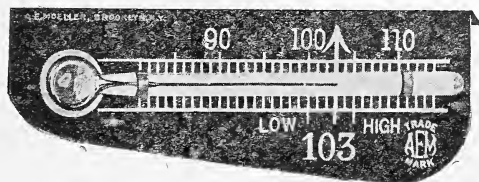


WIRE HEN NESTS—Wire, 1½-inch mesh. Very desirable. No chance for vermin. Can be hooked or screwed to wall. Price 20c ea. \$2.00 per doz. Will be sent by express only.



Wire Hen Nest.

THERMOMETERS & HYGROMETERS



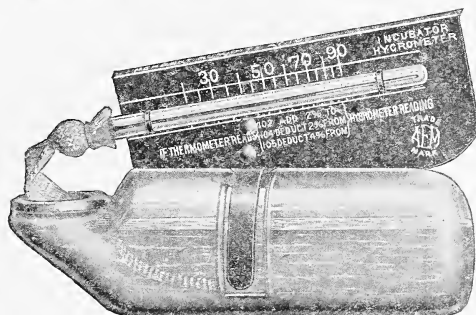
All Thermometers sent post-paid, purchaser's risk.

The tested Incubator Thermometer is made in a triangular shape, as shown here, with heavy, black oxidized scale, so that same can be read easily, and lie on the eggs in proper angle. We cannot guarantee safe arrival of any thermometers. Sent at purchaser's risk.

Price: 75c each postpaid.



Brooder Thermometer. 75c each postpaid.



Hygrometer.

This instrument is designed to meet the demand of the practical poultryman for a simple, direct reading gauge which will enable him to keep the amount of moisture in his incubator as near as possible to desired point.

By noting the position of the mercury column, the operator can tell at a glance whether to increase or decrease this amount. Price, \$1.10 each, postpaid.

PARCEL POST EGG CARRIER



Farmer's Friend Egg Carrier.

FARMER'S FRIEND EGG CARRIER.

Insures safety of egg transportation through the mails. A boon to poultry raisers everywhere. Light in weight. Strong in construction.

In our Farmer's Friend Egg Carrier you will find one of the most useful and convenient articles that a farmer and poultryman can have. No shipper of eggs can afford to be without these Parcel Post Egg Carriers. The demand from the city markets for fresh eggs is such that it is to the wide-awake farmer or poultryman's interest to be prepared to mail eggs as soon as laid. Parcel postage is cheap, hence big returns await the egg shipper.

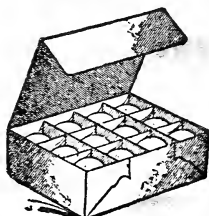
The Farmer's Friend Egg Carrier is made with patent lid fastener and equipped with handle as shown in cut.

The Farmer's Friend is the only farmer's egg carrier having solid sides, which protects eggs and fillers from weather.

Capacity	Weights	Each
6 doz.	5 lbs., postage extra.....	\$1.00
9 doz.	6½ lbs., postage extra.....	1.10
12 doz.	8 lbs., postage extra.....	1.20
15 doz.	9 lbs., postage extra.....	1.30

"HANDY" EGG CARRIER.

These boxes are made of heavy Cardboard and hold one dozen eggs. They are especially adapted to carrying eggs to customers and the 2x6 size also fit in the Farmer's Friend Egg Carriers. If you sell eggs to regular customers these boxes will prove very satisfactory.



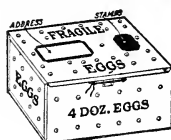
Handy.

	10	25	50	100	500	1000
2 x 6.....	\$0.20	\$0.40	\$0.75	\$1.45	\$7.25	\$14.00
3 x 4.....	.15	.35	.60	1.10	5.25	10.00
2 x 6 Continental.....	.20	.40	.75	1.45	7.25	14.00

By mail add 10c per 100.

METAL EGG CARRIERS. For Shipping Eggs by Parcel Post.

These carriers assure safe delivery of eggs no matter how far they are sent. Being made entirely of metal, they are very durable and will last for years with a little care. Yet they are light and compact and cost very little more to send by mail than the other cases. They are far more economical in the long run than the other styles of cases.



Sizes	Price Each	Postpaid
1½ doz. eggs	\$0.85	\$0.92
2 doz. eggs	1.00	1.07
3 doz. eggs	1.25	1.33
4 doz. eggs	1.50	1.58
6 doz. eggs	1.75	1.84

Postpaid prices are figured for first and second zone only.

Perfecto Egg Box.

The strongest paper box made.. While they are low priced, they are durable and can be shipped many times.

1 doz. eggs—Shipping weight 2 lbs.	\$0.30
2 " " " " " 2 "	.40
3 " " " " " 3 "	.50
4 " " " " " 3 "	.65
6 " " " " " 4 "	.80

By mail, add Postage.

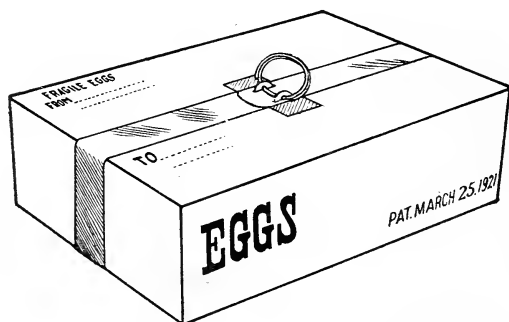
HATCHING EGG BOXES.

	ea.	doz.
15 egg size weight 2 lbs.	\$0.20	\$ 2.25
30 egg size weight 3 lbs.	.40	4.50
50 egg size weight 5 lbs.	.70	8.25
100 egg size weight 8 lbs.	1.25	14.00

SHIPPING BOXES FOR BABY CHICKS.

	Each	25	50	100	
25 Chick size	\$0.20	\$3.50	\$ 6.50	\$12.00	weight per box 1¼ lbs.
50 Chick size	.30	4.50	9.50	18.00	weight per box 2 lbs.
100 Chick size	.40	7.50	14.50	28.00	weight per box 3 lbs.

Stapling tools—35c ea. By express only.



LEG BANDS

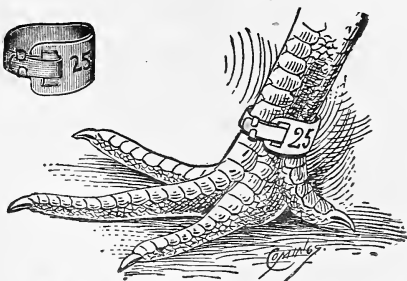
Improved Champion Adjustable Leg Bands

IMPROVED CHAMPION ADJUSTABLE BAND—The most popular band on the market. Made in one size adjustable to fit any fowl. Held by double lock. Made of aluminum 25 for 25c; 50 for 45c; 100 for 75c, postpaid.

SPIR-OL
TRADE MARK
LEG BANDS



If numbers are desired in rotation, 25 or more bands must be ordered.



Champion Leg Band.

SPIROL LEG BANDS—Mark your hens and pullets differently. Know what you are doing. Spirol bands are made of seasoned celluloid. Last a life time. Slip on like a key ring. Birds cannot loose them. Light as a feather. Will not fade. Colors: black, white, dark blue, pink, light blue, red, green, yellow, purple.

	12	25	50	100
Baby Chicks	\$0.10	\$0.20	\$0.35	\$0.60
Pigeons .....	.10	.20	.40	.65
Mediterranean .....	.15	.25	.40	.75
American .....	.15	.25	.45	.85
Asiatics .....	.20	.35	.65	1.20
Geese, Turkeys .....	.25	.40	.70	1.35



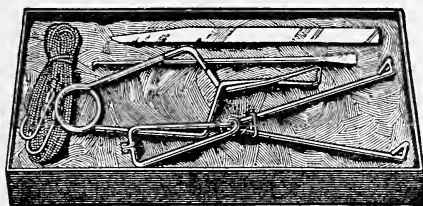
Bourne Coloroid Leg Band

HEN SIZE.

This band is made with large black numbers on yellow or red background, very easy to read; you don't have to catch the bird to read the figures. Price, 25 for 75c; 50 for \$1.50; 100 for \$3.00, postpaid.

BOURNE PIGEON SIZE.

Single numbers from 61 to 300 can be furnished on red, white, green, yellow, cerise, pink and light blue celluloid. Prices, postage paid, 6 pairs, 35c; 12 pairs, 65c; 25 pairs, \$1.25; 50 pairs, \$2.25.



Beuoy Caponizing Set No. 20.

Smith Sealed Leg Band

SMITH SEALED LEG BAND—Made of aluminum. Prices: 50 for \$1.00; 100 for \$1.75.

Seamless Pigeon Bands

SEAMLESS PIGEON BANDS—Made of pure aluminum, well finished, and guaranteed to give satisfaction. Numbered from 1 up, unless otherwise ordered. Price: 12 for 30c; 25 for 55c; 50 for 65c; 100 for \$1.25, postpaid.

Notice

When ordering leg bands be sure and specify the breed of chickens you intend them for, in order that we may send you the proper sizes. This is IMPORTANT.

George Beuoy Automatic Safe Capon Set No. 20

This set is put up in a neat box, packed in cotton, and contains the Automatic Remover as illustrated and the Humane Spreader as shown, the new design of operating knife made from imported Swedish band saw steel, the combination hook and probe, together with the necessary hooks and cords for fastening the bird. These tools are the very best workmanship and are made from Bessemer steel and imported German spring steel. They cost a little more, but are worth it. Sent postpaid with full and complete instructions. Price, via parcel post, prepaid, \$3.50.

CAPONIZE YOUR SURPLUS COCKERELS.

MARK YOUR CHICKS WITH THE IDEAL PUNCH, 50c POSTPAID



Dr. LeGear's Remedies are the product of 29 years experience in the poultry industry. They are all his personal formulas, used in his own breeding pens of prize-winners.



Dr. LeGear's Poultry Prescription—A tonic and a conditioner. Helps the birds during the moult. Stimulates Egg Production.

1½ lb. pkg.	\$0.25
3¾ lb. " ....	.50
9 lb. "	1.00
25 lb. "	2.50

By mail add postage.

Dr. LeGear's Egg Laying Tablets—Will increase your egg supply.

Tones up the fowls system, aids digestion and helps to keep hens healthy.

Small size, 50 tablets50c postpaid

Large size, 120 tablets ... \$1.00 postpaid.

Dr. LeGear's Poultry Bowel Regulator—An intestinal antiseptic and astringent that is very beneficial in cases of bowel complaint. Price: 25c postpaid.

Dr. LeGear's Lice Killer—A louse powder of excellent merit. Price: 1 lb. can 25c; by mail, 30c.

Dr. LeGear's Roup Remedy—For roup and colds. Price: 25c postpaid.

Dr. LeGear's Dip and Disinfectant—For disease germs, lice and vermin. Good for itch, mange, lice and ticks on live stock. Price: Qt. can 75c; ½ gal. \$1.25; 1 gal. \$2.00. Express extra.

Dr. LeGear's Cold Tablets—A special remedy for preventing and curing colds, roup and similar ailments. Dissolve two tablets in drinking water. As a preventive give one tablet in drinking water. Price: 25c postpaid.

Dr. LeGear's Chick Diarrhoea Tablets—Good for the treatment and prevention of many cases of bowel trouble among baby chicks. They should be used daily until the chicks are three weeks old. Price: Can of 35 tablets, 25c postpaid.

Dr. LeGear's Head Lice Ointment—A safe eradicator of lice from the heads and under the wings of chicks. Head lice cause great mortality among baby chicks. Price: 25c per can postpaid.

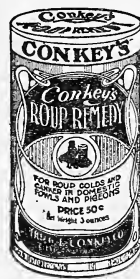
Dr. LeGear's Sorehead Remedy—For sores, injuries and diseases of the comb, wattles and head, such as Sorehead, (Chickenpox) Frostbite, etc. Price: 25c postpaid.

Dr. LeGear's Healing Powder—A powder that is used on sore places on animals. For galled places, barb wire cuts, etc., it is unexcelled. Everyone that has a horse, dog or cow should keep a package of this powder on hand. Price: Small pkg., 25c postpaid; large pkg., 50c postpaid.

Dr. LeGear's Fly and Insect Powder—Excellent against roaches, ants, flies, etc. Kills fleas on dogs or cats. Price: Small pkg., 25c postpaid; large pkg., 50c postpaid.

Write for Dr. LeGear's Poultry Raisers Bible; its free.





HAVE A CONKEY CORNER IN YOUR POULTRY HOUSE

CONKEY'S POULTRY TONIC

Contains no filler. It is a Laying Tonic, Molting Powder and Regulator of a high type, and is made with the same care that has made the efficiency of Conkey Poultry Remedies world-famous.

A little in the feed of breeding birds in early spring means vitality and strength in the hatching eggs.

Helps growing stock get some value out of their feed and keep hardy and thrifty through their growing and feathering period.

Builds up the tired organs and run-down system of molting birds after heavy laying, puts them through the molt quick, and starts them laying again with the least possible loss of time. Hens in the molt need every attention you can give them. Bear that in mind.

For laying, put a little in the dry mash or the wet feed every day. It helps hens earn their board, especially when egg prices are soaring and every egg means money.

You can give Conkey's Poultry Tonic to every bird in your flock every day in the year.

IN PAILS.

12 lbs. \$1.60
25 lbs. 3.00

IN BAGS.

50 lbs. \$5.00
100 lbs. 9.50

IN PACKAGES.

1½ lbs. \$0.25
3¼ lbs.50

By mail, add Postage.

CONKEY'S POULTRY LAXATIVE—A laxative for poultry. Price: 25c, 50c postpaid.

CONKEY'S LICE POWDER—To be dusted on the fowls. Price: 5 oz., 10c; 15 oz., 25c; 48 oz., 50c. By mail add postage.

CONKEY'S ROUP REMEDY—An effective aid in prevention and cure of roup, cold and canker. Price: 25c, 50c and \$1.00 postpaid.

CONKEY'S ROUP PILLS—For individual treatment of affected birds. Price: 30c, 60c, \$1.20 postpaid.

CONKEY'S CANKER SPECIAL—Excellent for cankerous growth, roup and cold. Price: Bottle 50c postpaid.

CONKEY'S POULTRY WORM REMEDY—For all your birds. Price: 25c, 50c postpaid.

CONKEY'S NOXICIDE—A germ destroyer and disinfectant. Price: 1 pt., 45c; 1 qt., 70c; 2 qts., \$1.15; 1 gal., \$1.80. Express extra.

CONKEY'S LICE LIQUID—A liquid spray for lice in the poultry house. Price: 1 qt., 60c; 2 qts., 90c; 1 gal., \$1.50. Express extra.



CONKEY'S FLY KNOCKER—For stock. Price: 1 qt., 60c; 2 qts., 90c; 1 gal., \$1.50; 5 gal., \$6.50. Express extra.

CONKEY'S SCALY LEG REMEDY—An ointment to relieve scaly legs. Price: 25c. By mail, 30c.

CONKEY'S SULPHUR CANDLES Price: 10c each, postpaid.

CONKEY'S GAPE REMEDY Price: 25c, 50c postpaid.

CONKEY'S POULTRY CONDITIONER—For run-down birds. Price: 25c, 50c postpaid.

CONKEY'S LICE FIX—A salve applied three or four times a year. Price: 25c, 50c postpaid.

CONKEY'S BLACKHEAD REMEDY—For turkeys. Price: 50c postpaid.

CONKEY'S WHITE DIARRHOEA REMEDY—For white diarrhoea in baby chicks. Price: 25c, 50c postpaid.

CONKEY'S HEAD LICE OINTMENT—For head lice on baby chicks. Price: 10c, 25c postpaid.



Send 4c for Conkey's book on poultry. It contains much valuable information.



Conkey's

BUTTERMILK STARTING FOOD

Give your chicks buttermilk in a dry, sanitary form, not too much and not too little. The lactic acid is just what is needed by the delicate digestive tract of the baby chick as an aid in the prevention of digestive and bowel troubles.



With this buttermilk is mixed a combination of clean, wholesome grains, balanced in just the right proportion to help the little fellows over those critical first eight weeks and bring them through with a good start for a healthy, well developed maturity.

Feed your chicks Conkey's Buttermilk Starting Food and watch them grow quickly into heavy layers strong breeders, full-bodied market birds, real profit makers.

Put up in 5 lb., 10 lb., 25 lb. and 100 lb. bags. Write for prices.

Pratts

POULTRY REGULATOR POULTRY REMEDIES

SATISFACTION GUARANTEED OR MONEY BACK



PRATTS POULTRY REGULATOR—The original Poultry Regulator of America. It builds up vitality, insures sound digestion, sharpens appetite and prevents disease. 24 oz. pkg. 25c; 4 lb. pkg. 50c; 12 lb. pkg. \$1.50; 12 lb. pail \$1.75; 25 lb. pail \$3.00. By mail add postage. 50 lbs. \$5.50; 100 lbs. \$10.00. By express only.

PRATTS ROUP POWDER—Gives almost instant relief. Reduces fever, allays inflammation. Price 25c and 50c postpaid.

PRATTS ROUP TABLETS—Give the same relief as the powder and are more convenient to use. Price 25c and 50c postpaid.

PRATTS WHITE DIARRHOEA REMEDY—The result of years of research work. Keep the germs from becoming active by using this remedy. Price 25c and 50c postpaid.

PRATTS SPECIAL REMEDY—A remedy for bowel complaint. Administer in the drinking water. Effective in cases of dysentery and cholera. Price 25c and 50c postpaid.

PRATTS GAPE REMEDY—for baby chicks. Price 25c and 50c postpaid.

PRATTS LICE POWDER—Effective, non-poisonous, non-irritating. It quickly and thoroughly kills lice on chickens. Price 25c; postpaid, 30c.

PRATTS BRONCHITIS REMEDY—Comes in tablet form and will give almost immediate relief to bronchial trouble in chickens. Price 25c and 50c postpaid.

PRATTS DISINFECTANT—To be sprayed in the chicken house, on the roosts and on the dropping boards. Keep your poultry house sanitary by washing the utensils with a solution of Pratt's Poultry Disinfectant. Price, quart, 55c, express extra.

PRATTS HEAD LICE OINTMENT—A salve to be rubbed on the little chicks head. Death to head lice. Price 25c postpaid.



COLLINS OAT SPROUTER WILL SUPPLY GREEN FOOD.



GEO. H. LEE'S POULTRY SPECIALTIES

LEE'S LICE LIQUID—A liquid to be painted or sprayed on the roosts. Easily applied and very effective. Price 1 qt. 60c; ½ gal. 90c; 1 gal. \$1.50. By express only.

LEE'S EGG MAKER—A concentrated meat food and tonic. 2 lbs. 30c; 5 lbs. 75c; 12 lb. pail \$1.50; 25 lbs. \$2.50. By mail add postage.

GERMOZONE—The best known poultry remedy in the world. Over eighteen years on the market. Wonderfully effective against roup, colds, chickenpox, canker, cholera and diarrhoea. An excellent preventive. 12 oz. bottle, 75c; 32 oz. bottle, \$1.50. Cannot be mailed. Germozone tablets, 75c per box postpaid.

LEE'S LICE POWDER—Useful for chicks or setting hens; 1¼ lbs. 25c; postpaid 30c.

LEE'S EGG-O-HATCH—Strengthens the chick and weakens the shell. Applied by dipping or spraying. Fifty cents jar will treat 600 eggs. Egg-O-Hatch will increase your hatch. Price 50c; postpaid 55c.

LEE'S EGG-O-LATUM—The best product known for keeping eggs fresh during a period covering a year. Easy to apply. Simply rub on your hands and then rub each egg. A jar of Egg-O-Latum is sufficient for 50 dozen eggs. Price 50c per jar; postpaid 55c.

LEE'S GOPHER KILLER—A liquid poured on some absorbent material, this material is pushed into the hole of the gopher. Price qt. 75c. By express only.



RELIANCE REMEDIES

Reliance Remedies are all given in the drinking water. The wisdom of this can easily be seen. A sick fowl is usually feverish and thirsty, therefore, will drink when they will not eat. Also unlike a powder, this liquid does not cake up and one bird get an overdose and another not enough of the medicine. A thousand can be treated as easily as one.

RELIANCE LICE AND MITE REMEDY—Administered in the drinking water, treating all of your birds. Safe and certain. No ill effect on the birds. Price 50c and \$1.00 postpaid.

RELIANCE ROUP AND CANKER REMEDY—The most scientific way of fighting these dreaded diseases. Price 50c and \$1.00 postpaid.

RELIANCE CHOLERA REMEDY—Effective against bowel trouble of all kind, including white diarrhoea in chicks. Price 50c and \$1.00 postpaid.

RELIANCE POULTRY TONIC—A concentrated liquid given in the drinking water. It puts your birds in the pink of condition and keeps them laying. Price 50c and \$1.00 postpaid.

RELIANCE SOREHEAD REMEDY—For sorehead, chickenpox and diseases of the comb. Price 50c and \$1.00 postpaid.

RELIANCE LIMBERNECK REMEDY—Effective against limberneck. Price 50c and \$1.00 postpaid.

RELIANCE DISINFECTANT—Comes in brick form. Will make 15 gallons effective disinfectant. Price \$1.00 postpaid.

WESTERN RAT VIRUS—A scientific rat destroyer that cleans up the place. Does not harm anything but rats. Safe to use in the poultry house. Rat virus creates a contagious disease among the rats. After a few are inoculated they spread the disease. Price 50c and \$1.00 postpaid.

POULTRY REMEDIES AND TONICS

CARBOLA

Disinfects and Paints at the Same Time.

A WHITE PAINT in powder form combined with a disinfectant many times stronger than Carbolic acid. Carbola is non-poisonous and non-caustic. It is applied with a brush or sprayer and dries pure white. Does not flake or peel off. Carbola kills both germs and vermin. Clean up your poultry house this fall and paint the walls, roosts and nest boxes with Carbola. Price: Trial pkg., 25 oz., 30c; 10 lbs., \$1.25; 50 lbs., \$5.00. By mail, add postage. One pound of Carbola makes 1 gallon disinfecting whitewash and will cover 200 square feet.

MISCELLANEOUS REMEDIES AND SUPPLIES
DR. HESS POULTRY PANACEA

Makes poultry healthy; makes hens lay. Compels each hen to put her share of eggs into the market basket. Price: 1½ Lbs., 25c; 5 lb. pkg., 75c. By mail, add postage.

DR. HESS INSTANT LOUSE KILLER

A powder preparation that has obtained wide popularity on account of its fine qualities in freeing poultry from lice. Price, 25c; postpaid, 30c.

DON SUNG

Chinese Egg Laying Tablets. Used by the largest poultry farms. Price: 50c and \$1.00, postpaid.

AVICOL

Good for all your birds. A preventive and cure for White Diarrhoea and Bowel Trouble. Price, 25c, 50c and \$1.00, postpaid.

WATER GLASS

Recommended by the U. S. Government for preserving eggs. One gallon will preserve 50 dozen eggs. Price: Pt., 20c; qt., 35c; ½-gal., 65c; 1 gal., \$1.25. By express only.

LICE KILLER NEST EGG

An exact imitation of a real egg. These eggs contain a powerful disinfectant that will keep the nests free from lice and vermin. Also kills the parasite that causes scaly leg. Price: Each, 10c; dozen, \$1.00, postpaid.

CHINA NEST EGGS

Excellent duplicates of hen eggs. Price: Per doz., 40c; postpaid, 45c.

PIERCE'S POULTRY TONIC

Increases egg production by keeping the hens in condition. Excellent during the moult, it grows feathers quickly and starts the fowls laying. Price: 65c, postpaid.

NU-LIFE PILLS

For going light, bowel trouble, roup or any rundown condition of poultry, turkeys or pigeons. Price: 30c and \$1.00, postpaid.

BUTTERMILK TONE

A product of Dr. Ludwig's laboratories. A tonic, a conditioner and a fattener. The lactic acid in this preparation will prevent bowel trouble. Price: 1 Pt., 50c; 1 qt., 75c; 1 gal., \$2.00. By express only.

RAT ANNIHILATOR

A preparation that attracts rats and mice and after they eat same, it dries them up. Price, 25c postpaid.

DOG SUPPLIES

SPRATT'S DOG CAKES

A well-balanced biscuit containing all the ingredients necessary for the dog. An excellent food for summer and winter. Price: 37-oz. box, 40c; 50 oz. box, 50c. Bulk, 15c per lb.; 50 lbs., \$6.75; 100 lbs., \$13.00. By mail, add postage.

SPRATT'S PUPPY CAKES

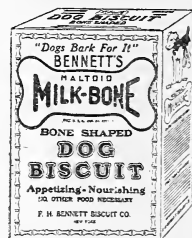
A smaller cake than the dog cake. An ideal food for puppies, 2 months old or over. Price: 30 oz. box, 40c; 68 oz. box, 50c. Bulk, 15c per lb.; 50 lbs., \$7.00; 100 lbs., \$13.50.

BENNETT'S DOG BISCUITS

Maltoid Milk Bone. Made with milk. Shaped like a bone. An ideal food for the entire year. Price: 31 oz. box, 40c; \$4.50 per dozen boxes; carton 2 doz. boxes, \$8.75. By mail, add postage.

BENNETT'S PUPPY BISCUITS

A smaller size biscuit for puppies. Price: 28 oz. box, 40c; \$4.50 per doz. boxes; carton 2 doz. boxes, \$8.75. By mail, add postage.



DOG REMEDIES

Spratt's Alternative Cooling Tablets	60c
Spratt's Anti-Vomit Tablets	60c
Spratt's Constipation Tablets	60c
Spratt's Digestive Tablets	60c
Spratt's Diarrhoea Tablets	60c
Spratt's Distemper Tablets	70c
Spratt's Mange Remedy	65c

Spratt's Tonic and Condition Tablets	60c
Spratt's Dog Worm Capsules	60c
Spratt's Puppy Worm Capsules	60c

We pay the postage on Spratt's Remedies.

Write for Spratt's Book on Dog Culture. Send 4c in stamps for cost of mailing.



DOG MEDICINES

THE STANDARD SINCE 1879.



THE PRODUCT of forty-five years' experience in the care of dogs, Sergeant's Remedies are guaranteed to give satisfaction.

Distemper Medicine	\$1.20
Mange Medicine .....	.65
Condition Pills .....	.60
Sure Shot Capsules (Worms in dogs) .....	.60
Sure Shot Liquid (Worms in pups) .....	.60
Arsenic & Iron Pills (for the blood) .....	.60
Dog Rub (a liniment) .....	.60
Canker Wash (for ear trouble) .....	.60
Cough Medicine .....	.60

Well Mouth (for sore mouth and black tongue) .....	.60
Eye Wash .....	.60
Tape Worm Medicine .....	.60
Rheumatic Pills .....	.60
Constipation Capsules .....	.30
Skip-fla Soap .....	.25
Carbolic Tar Soap (for skin trouble) .....	.25

We pay the postage on Sergeant's Remedies.

No dog owner should be without Sergeant's book: on receipt of 3c to cover cost of mailing, we will send it free.

BIRD AND FISH SUPPLIES



THE best and most popular feed ever mixed. Mixed after the formula of a large German bird breeder. Contains no hemp. Never put up in boxes. Always fresh. Contains the finest re-cleaned canary seed, rape seed, lettuce seed, maw seed and millet seed. Used by fanciers all over the country. Insist on the yellow label and brown package. Price: Per lb., 25c; postpaid, 30c.

RAPE-CANARY

A lower priced mixture of canary seed and rape seed. Price: Per lb., 20c; postpaid, 25c.

CUTTLE BONE

Price: 5c each; postpaid, 6c.

BIRD MANNA

A mixture for the restoration of song; to be hung on the wires of the cage. Price: Each, 15c; postpaid, 16c.

BIRD TONIC

A liquid used in the drinking water to relieve colds, asthma, shedding and diarrhoea. Price: Per Pkg., 25c; postpaid, 29c.

GRAVEL PAPER

Made up like sand paper; to be placed in bottom of bird cage. Price: Per pkg. of 12 sheets, 20c; postpaid, 25c.

MOCKING BIRD FOOD

A prepared feed for mocking birds—Price: 1 lb. jar., 35c; postpaid, 40c.

NESTLING FOOD

A food for young birds. Ready for use. Young birds thrive on nestling food. Price: 25c; postpaid, 30c.

MOULTING PEPPER

A condiment to help the birds through the moult. Price: 25c; postpaid, 30c.

ORANGE COLOR FOOD

A food given during the moult in order to bring the feathers out and imparting to them a reddish hue. Price: 25c; postpaid, 30c.

BIRD EYE WATER

For sore eyes and inflammation of the eyelid. Price: 25c; postpaid, 30c.

BIRD SALVE

For sore and swollen feet. Price: 25c, postpaid.

BIRD GRAVEL

A fine grit for the bottom of the cage. Price, 10c; postpaid, 20c.

BIRD LICE POWDER

For lice on birds. Easy to use. Price: 25c; postpaid, 27c.

SHEPPARD'S SONG RESTORER

A highly nutritive food used during the moult or when the bird has a cold. Price: Per pkg., 25c; postpaid, 27c.

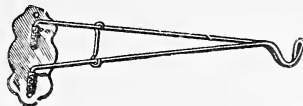
MAMMOTH RUSSIAN SUNFLOWER SEED

For parrots. Price: Per lb., 15c; postpaid, 20c.

MEXICAN GRANNOOD

A parrot food in cake form. It is greatly relished by parrots and improves their plumage. Price: 30c; postpaid, 35c.

CAGE BRACKETS AND SPRINGS



224—Nickeled 8-in.—15c each; postpaid.....17c
3710-B—Brass 10-in.—25c each; postpaid.....27c
3712-B—Brass 12-in.—35c each; postpaid.....37c
3710-D—oxidized 10-in.—25c each; postpaid.....27c
3712-D—oxidized 12-in.—35c each; postpaid.....37c
Cage Springs—Single heavy 25c each; postpaid...27c
Cage Springs—Double heavy 25c each; postpaid...27c
Bird nests—15c each; postpaid.....17c
Bird nesting—10c each; postpaid.....12c

FISH NECESSITIES

DIP NETS

Used for taking fish out of aquarium while cleaning. Price: Each, 3-inch, 30c; postpaid, 35c.

ASSORTED SHELLS

An assortment of fancy sea shells adds beauty to the aquarium. Price: Pt., 20c postpaid; qt., 35c postpaid.

FISH MOSS

Price: 10c per bunch, postpaid.

18-KARAT FISH FOOD

The finest natural fish food obtainable. Endorsed by the leading fish breeders. Made up of the natural foods, both animal and vegetable, that the fish receives in its natural surroundings. A complete food. Price: 15c per box; \$1.50 per dozen, postpaid.

FISH WAFERS

A rice wafer made of best rice flour. Price: 15c per box; \$1.50 per dozen, postpaid.

UNIVERSAL FISH FOOD

An animal food that should be fed in connection with wafers. Price: 20c per box; \$2.00 per dozen, postpaid.

HARMI (Japanese Shrimp)

Price: Per box, 15c; per lb., \$1.00, postpaid.

BIRD AND FISH BOOKS

FEATHERED PETS

By Chas. N. Page, America's foremost authority on cage birds. This book will tell you how to care for birds. Also a chapter on raising canaries. Price: 35c, postpaid.

GOLD FISH VARIETIES AND TROPICAL AQUARIUM FISHES.

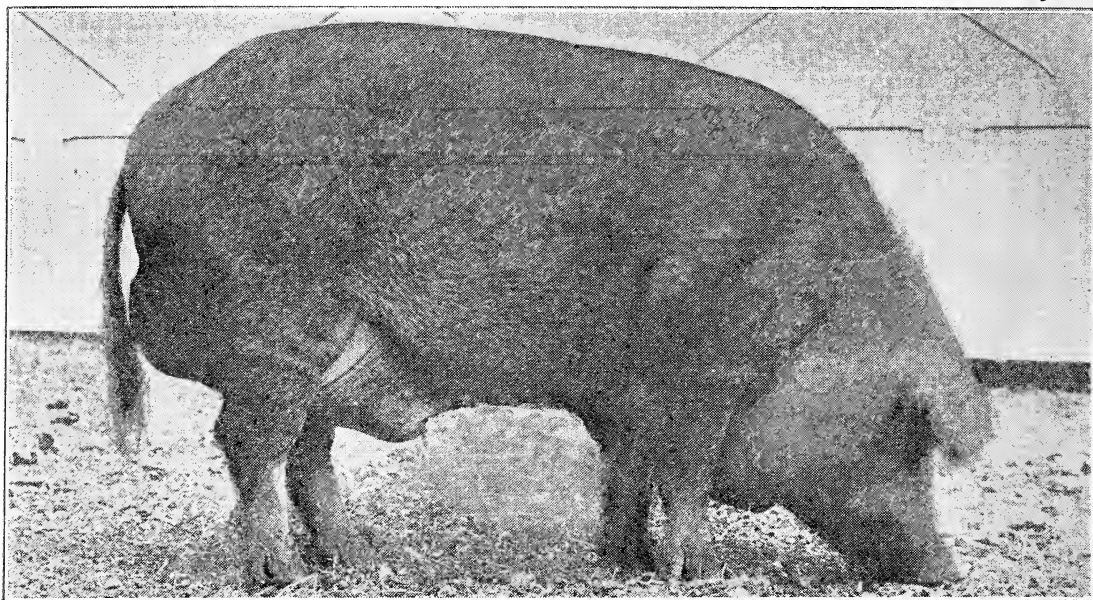
A practical book for every aquarist. It tells you everything pertaining to goldfish. Simple and direct in style, requiring no technical knowledge on the part of the reader to clearly understand every point; 250 pages, 195 illustrations. Price: \$4.00, postpaid.

AQUARIA

A simple little book for a person having a small home aquarium. While it does not go into detail, it covers the principal things to remember in taking care of fish in the home. Price: 35c, postpaid.

WRITE FOR COMPLETE PRICE LIST ON CAGES AND AQUARIUMS

DUROC JERSEY HOGS



GOLDEN PATHFINDER

ON OUR 700-acre farm, located at Waterloo, Illinois, about 25 miles from St. Louis, we have built up a wonderful herd of Duroc Jersey Hogs that rank second to none.

Here, on this large farm they are given every care and attention; nothing is spared to make them the very best—the kind that will grow into quick money for you.

While it costs a little more to start with the right kind, the satisfaction and profit from them makes such a vast difference that there is no argument as to what you should have for a start. You can buy a good bred gilt or sow and sell her offspring for much more than you paid for the mother. With cheap corn and the comparatively high price of pork you can make an excellent profit. Statistics show that there is at the present time a great shortage of swine and now is the time to get into the game.

All inquiries receive our personal attention and we can assure you that you will be a pleased customer if you get the Duroc from our farms. **LESTER BEERS, Herdsman.**

OUR HERD BOARS

GOLDEN PATHFINDER.

SENIOR HERD BOAR. Sired by Old Pathfinder—“The Greatest Duroc ever Born”, and Proud Col. Dam. Brother to National Swine Show Champion 1920. Also, brother to First All-Age National Swine Show, 1919-1920. He is not only a blue-blooded animal but is also an exceptional individual. He is one of those high-backed, long-bodied, straight-legged specimens that have made the Durocs famous. Buy a gilt or sow bred to Golden Pathfinder and you will raise hogs that will improve your herd, whether you are a beginner or an old breeder. If you want to start right, buy several sows bred to Golden Pathfinder.

INFALLIBLE.

INFALLIBLE—Junior Herd Boar. Sired by Grand Champion Valley Col. Brother to Pathmaster. This is the largest and best of over two hundred boars that we raised. He is the biggest boar we have ever seen for his age. His pigs never will disappoint any Duroc breeder. We can sell you bred sows and gilts bred to Infallible.

PRIZE WINNERS

AT THE Great Illinois State Fair, Springfield, in a class of 78 entries, our boar won two prizes. Our gilts won three prizes in open class with eighty-four in the class. Our litter won fourth in a class of thirty-two entries of top notch litters. Our stock wins wherever shown. Blood will tell.

A CHANCE TO IMPROVE YOUR HERD

WE HAVE fall and spring boars, ready for service, by Golden Pathfinder, Valley Col., Foust's Top, Col., and O. C. K. Chief. We also have bred sows for March farrow by Valley Col., O. C. K. Chief, Foust's Top Col., Schultz Orion King, Jackson's Orion King—the \$32,000 boar. We are offering these for sale now. These have the best blood lines that it is possible to obtain.

We also have good open gilts and boar pigs to offer from our spring and fall litters. If you have heard of Durocs you know the above wonderful sires by their reputations.

Here is an opportunity for you to get real championship blood into your herd. If you are just starting to raise Durocs, here is the chance to get the right start at a reasonable price.

Address all correspondence about Duroc Jerseys to

ST. LOUIS SEED COMPANY'S FARMS, WATERLOO, ILLINOIS

FERTILIZERS

For LAWN, GARDEN, FIELD and HOUSE PLANTS A NECESSITY TO ALL GROWING PLANTS

ALL CULTIVATED soils require fertilizing from time to time to replace the vital growing forces and power which each succeeding crop removes in its development and maturity. Unless this is done it is only a matter of time when even rich and fertile soils will fail to be productive.

Farms, Gardens, Lawns and Flower Beds always should be given a dressing of fertilizer each season before planting. Mother Earth needs food to produce good crops, the same as a human being requires food to be strong and healthy.

Pulverized
Sheep
Manure
put up for
St. Louis
Seed Co.

Bone
Meal
put up for
St. Louis
Seed Co.

PULVERIZED SHEEP MANURE

THIS is a high grade of Fertilizer and is especially adapted for Gardens and Lawns. No better manure can be secured. It is selected from the accumulation in the Western Sheep Feeding Stations where thousands of sheep are confined in pens to be fattened for market.

This manure is gathered from the pens, shipped to the reduction plant, and then is immediately dried by a special direct heat process, which destroys any weed or seed it may contain. It is then screened free from rough bedding and uniformly pulverized into the most concentrated form for general use. In landscape work, for gardens and lawns, there is no equal.

For New Lawns, use 100 lbs. to 1000 square feet.

For Old Lawns, as a top dressing, use 50 lbs. to 1000 square feet.

For Flower Beds and Vegetable Gardens, before planting, use 50 lbs. to 500 square feet.

For Mixing Potting Soil, use 1 qt. to 20 qts. of earth.

Price: 5 Lbs., 30c; 10 Lbs., 50c; 25 Lbs., \$1.00; 50 Lbs., \$1.60; 100 Lbs., \$2.75; 500 Lbs., \$12.50.

Special Price on Ton Lots.

PULVERIZED POULTRY MANURE

ONE of the best pulverized fertilizers for lawns, flowers and vegetables. It should be applied for lawns, 40 to 50 pounds per 1000 square feet; for vegetables, gardens, etc., 50 pounds to 500 square feet. Price: 25-lb. bags, \$1.25; 50-lb. bags, \$2.00; 100-lb. bags, \$3.50.

QUICK ACTION FERTILIZER

AN ODORLESS fertilizer that can be used on the garden, lawn and house-plants. On account of its almost immediate results it is used by the largest golf-links in the country.

On lawns 1 oz. is used to the square yard. For quick action and economy we recommend Quick Action Fertilizer above all other fertilizers. Price: 12 oz. pkg., 35c; 5 lb. \$2.00.

VITA-FLORA

VITA-FLORA Plant Food furnishes the three essential elements of plant life, viz: Nitrogen, Potassium and Phosphorus, in their most available forms and in the proper proportions so compounded that one Vita-Flora Tablet dissolved in a quart of water affords just the proper degree of concentration to use without injury to the most delicate plants.

25-cent, 50-cent and \$1.00 Boxes.

WALKERS EXCELSIOR PLANT FOOD

IT WILL make weak plants strong and make healthy plants have brighter flowers and prolong the period of blooming. Price: Small size, 20c; Large size, 35c.

BONE-MEAL

BONE-MEAL is used for top dressing for lawns, meadows, vegetable gardens and flowers. It carries Ammonia and Phosphoric Acid and may be applied at any time of the year. Bone-Meal continues to feed the soil for ten months and its effect is plainly apparent upon land for years.

For Top Dressing on Lawns use 50 lbs. to 1000 square feet.

For making New Lawns use 75 lbs. to 1000 square feet.

For Grain Crops, 600 lbs. to the acre.

For Mixing Potting Soil, 2 lbs. to 20 qts. of earth.

Price: 10 Lbs., 65c; 25 Lbs., \$1.50; 50 Lbs., \$2.50; 125 Lbs., \$5.00.

HYDRATED LIME

A NUMBER of lawns in the city are in a very bad state, because of the constant use of the hose in the summer time, which results in an acid or sour soil that will not grow anything but weeds and water grass, no matter how rich it may be. To correct this acidity, lime is required, and where surface application is made Hydrated Lime should be sprinkled very lightly over the ground at two or three different times in season, about 40 lbs. to 1500 square feet. Price: 10 Lbs., 35c; 50 lb. bag, 90c; 5 bags, \$4.25.

AGRICULTURAL LIME STONE

IT SUPPLIES the element calcium to plants; it makes "sour soil sweet," changes an acid condition to a slightly alkaline one; it has the power to shrink clay and adobe soils, making a larger number of crumbs from a sticky mass; it prevents packing, baking and cracking, makes cultivation easier. Price: 100-lb. bag., \$1.50.

NITRATE OF SODA

NITRATE of Soda carries nothing but Ammonia. It is highly stimulating and produces rank growth and dark green foliage. On grass or other vegetation it is visible in a few days after application. It is claimed that crops like Cabbage, Lettuce and Onions mature fully two weeks earlier than usual when Nitrate of Soda has been used on same.

For Vegetables use 300 lbs. to the acre.

For Lawns and Potted Plants use in liquid forms, 1 lb. to 25 gallons of water.

Price: 15c; 10 Lbs., \$1.00; 50 Lbs., \$4.00.

MULFORD CULTURES FOR LEGUMES

DECISIVE tests have shown the great value of inoculating seed with various bacteria to increase the plant growth as well as the nitrogen-gathering qualities of the plant. No farmer today would think of putting out a field of clover without using some kind of an inoculation.

Small Size (supplied only in four varieties, for Garden Peas, Garden Beans, Lima Beans and Sweet Peas) \$0.35
5-Acre Size ("Dollar per Acre") 5.00
1-Acre Size 1.50
¼-Acre Size75

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HORTICULTURAL BOOKS

Agriculture, the Principles of—Prof. L. H. Bailey	\$2.25
Alfalfa—E. D. Coburn	1.00
Apple Culture—Bailey	1.00
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ST. LOUIS SEED COMPANY'S CALENDAR FOR SEED PLANTERS IN THE LATITUDE OF ST. LOUIS

JANUARY—Sow in Hot-Bed—Early Beet, Early Cabbage, Forcing Carrot, Cauliflower, Early Lettuce, Early Onions, Radish.

FEBRUARY—Sow in Hot-Bed—Early Beet, Broccoli, Early Cabbage, Forcing Carrot, Cauliflower, Celery, Cucumber, Egg Plant, Early Lettuce, Parsley, Pepper, Early Onions, Radish, Tomato.

MARCH—Sow in Hot-Bed—Early Beet, Early Cabbage, Forcing Carrot, Cauliflower, Celery, Cucumber, Egg Plant, Kohl Rabi, Lettuce, Melon, Parsley, Pepper, Onions, Radish, Tomato, Herbs. Sow in Open Ground—Beans, Beets, Cabbage, Cauliflower, Celery, Carrot, Cress, Leek, Lettuce, Onion, Parsnip, Peas, Potatoes, Radish, Spinach, Early Turnip, Onion Sets.

APRIL—Sow in Hot-Bed—Cucumber, Egg Plant, Melon, Pepper, Tomato. Sow in Open Ground—Asparagus, Beans, Beets, Cabbage, Carrots, Cauliflower, Celery, Sweet Corn, Cucumber, Cress, Endive, Kale, Kohl Rabi, Leek, Lettuce, Melons, Onions, Parsley, Parsnip, Peas, Potatoes, Radish, Rhubarb, Salsify, Spinach, Tomato, Turnip, Sage, Herbs, Onion Sets.

MAY—Sow in Open Ground—English Beans, Pole Beans, Bush Beans, Beets, Brussels Sprouts, Cabbage, Carrot, Celery, Sweet Corn, Cress, Cucumber, Endive, Kale, Kohl Rabi, Leek, Lettuce, Melon, Okra, Onion, Parsley, Parsnip, Peas, Potatoes,

Pumpkin, Radish, Salsify, Spinach, Squash, Tomato, Turnip, Herbs.

JUNE—Sow in Open Ground—Bush Beans, Lima Beans, Pole Beans, Beet, Carrot, Cabbage, Sweet Corn, Cress, Cucumber, Endive, Kale, Kohl Rabi, Lettuce, Melon, Okra, Peas, Potatoes, Pumpkin, Radish, Spinach, Squash, Turnip, Rutabaga.

JULY—Sow in Open Ground—Bush Beans, Beet, Carrot, Sweet Corn, Corn Salad, Cress, Cucumber, Endive, Gherkin, Kale, Kohl Rabi, Lettuce, Okra, Pumpkin, Radish, Spinach, Squash, Turnip, Rutabaga.

AUGUST—Sow in Open Ground—Bush Beans, Corn Salad, Cucumber, Endive, Lettuce, Early Peas, Radish, Spinach, Squash, Turnip. Plant—Winter onions.

SEPTEMBER—Sow in Open Ground—Corn Salad, Cress, Kale, Lettuce, Mustard, Winter Radish, spinach, Turnip. Plant—Winter Onions. Write for St. L. S. Co.'s Bulb Catalogue.

OCTOBER—Sow in Open Ground—Corn Salad, Cress, Kale, Lettuce, Mustard, Spinach. Plant—Hyacinth, Tulips, Narcissus and other Dutch Bulbs in open ground, pots or glasses.

NOVEMBER—Plant Hyacinth. Tulips, Narcissus and other Dutch Bulbs in open ground, pots or glasses.

SEED TABLES

	Weight per bus.	Quantity to sow 1 acre
Alfalfa or Lucerne	60 lbs.	20 to 25 lbs.
Alsike or Swedish	60	8 to 10
Bokhara	60	8 to 10
Crimson or Scarlet	60	10 to 15
Mammoth or Sapling	60	8 to 10
Red	60	6 to 8
White	60	3 to 5
Cat-Tail (Pearl)	50	8 to 10
Common	50	25 to 35
German or Golden	50	25 to 35
Siberian	50	6 to 8
Hungarian	48	25 to 35
Awnless Brome	14	28 to 42
Bermuda	40	2 to 3
Creeping Bent	14	15 to 20
English Perennial Rye	20	30 to 40
English Blue	14	20 to 30
Italian Rye	20	30 to 40
Johnson	25	25 to 30
Kentucky Blue for Pasture ..	14	20 to 25
Kentucky Blue for Lawns ..	14	40 to 50
Meadow Fescue	14	20 to 30
Orchard	14	12 to 15
Red Top—in chaff	14	15 to 20
Red Top—solid seed	—	6 to 10
Fescue	14	20 to 30
Tall Meadow Oat	12	20 to 30
Timothy	45	10 to 12
Mixture for Pastures	14	30 to 40
P. S. Co.'s "HAVALAWN"		
Grass Seed	14	40 to 50

	Weight per bus.	Quantity to sow 1 acre
Barley	48 lbs	1½ to 1½ bus.
Beans—Navy	60	1½ to 2 bus.
Beans—Field	60	1½ to 2 bus.
Beans—Soja	60	20 to 30 lbs.
Broom Corn Seed	48	2 to 4 qts.
Buckwheat	52	1 to 1½ bus.
Cane Seed—for sugar ..	50	4 to 8 lbs.
Cane Seed—for fodder ..	50	30 to 50 lbs.
Castor Beans	46	4 to 5 lbs.
Corn—Field	56	4 to 5 qts.
Corn Fodder, broadcast ..	56	2 bus.
Corn Fodder, drilled	56	1 bus.
Corn, Pop—shelled	60	2 to 4 qts.
Cow Peas	60	1½ to 2 bus.
Flax	56	1 to 1½ bus.
Hemp	44	
Kaffir Corn—in drills ..	50	3 to 5 lbs.
Kaffir Corn—broadcast ..	50	½ to 1 bus.
Oats	32	1½ to 2 bus.
Peas—Field	60	1½ to 2 bus.
Peanuts	22	2 bus. in pods
Pumpkin, Common Field ..	30	2 to 3 qts.
Rape, Dwarf Essex	50	5 to 8 lbs.
Rye	56	1 to 1½ bus.
Sunflower	22	2 to 3 lbs.
Teosinte	—	4 to 6 lbs.
Wheat—Spring or Winter ..	60	1½ to 1½ bus.
Vetches—Spring or Winter ..	50	1 to 1½ bus.

PLANT
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